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MUMS

from

MAR 17 1947

Minnesota

The

LEHMAN GARDENS

Hardy Chrysanthemum Specialists

FARIBAULT • MINNESOTA

1947



The
Sensational
New Mum

Growing
Ideally

A brilliant color; free
and early blooming;
excellent plant habit
and foliage.

75c each; 3 for \$2.00

8 POMPON MUMS

Truly a grand selection of these adorable, perky little fellows that will give loads of flowers.

8 Sure-to-Bloom
Plants (1 of each)
for **\$3.25**

24 Plants
(3 of each) for
\$9.00

*All strong,
sure-to-bloom
plants*



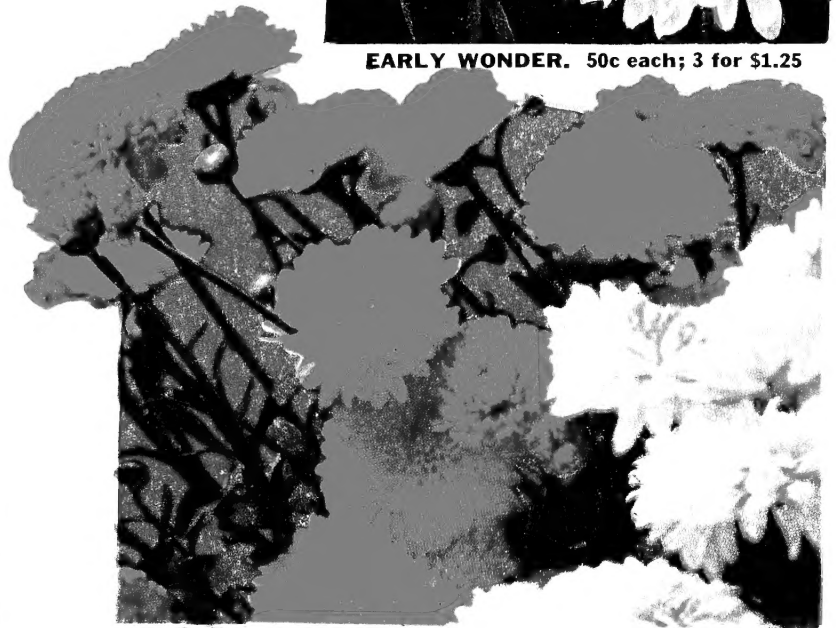
JUDITH ANDERSON. 40c each; 3 for \$1.00



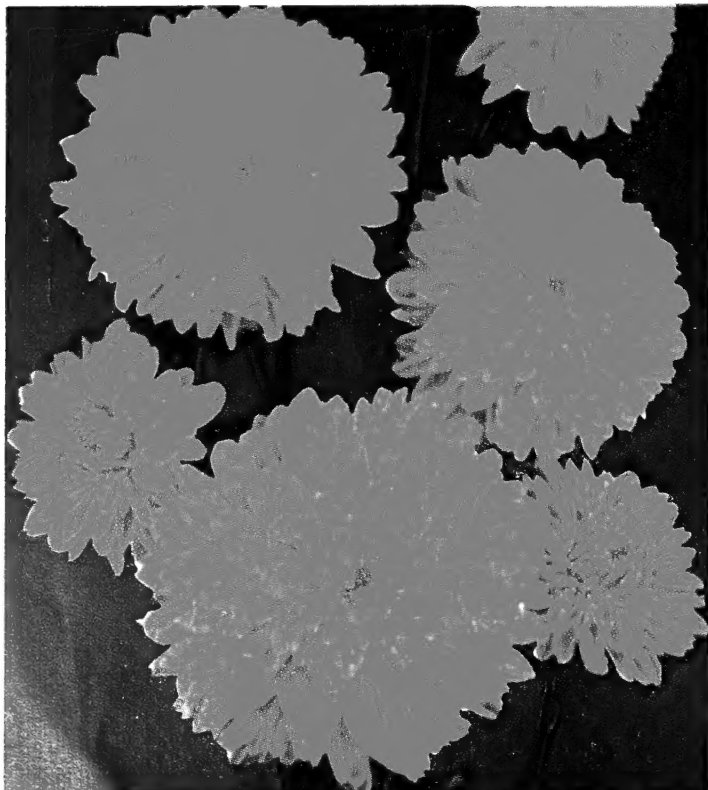
MANDALAY. 50c each; 3 for \$1.25



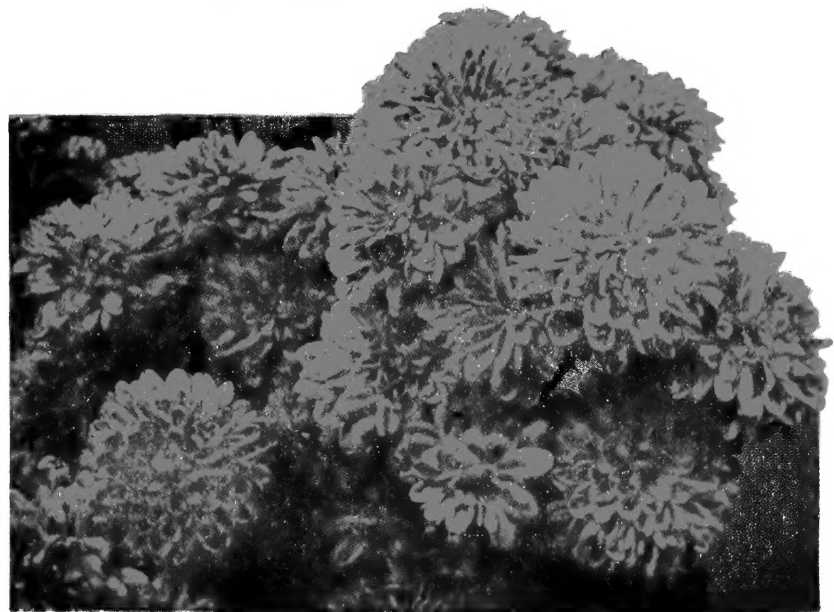
EARLY WONDER. 50c each; 3 for \$1.25



The Three Sept. Pompons—SEPT. BRONZE, SEPT. GOLD, SEPT. CLOUD. 50c each; 3 for \$1.25



STALWART. 50c each; 3 for \$1.25



RUBY POMPON. 50c each; 3 for \$1.25

Mums from Minnesota

The Hardy Mum Headquarters of the Nation

Because our production of Hardy Mums has now exceeded the half-million mark annually, we have applied assembly-line and mass production methods to our growing, with highly skilled help doing the job. Thereby we are able to offer you our BETTER-GROWN and SURE-TO-BLOOM plants at reduced prices this year. Think of it! Higher quality and lower prices in these times!

In order to maintain our high standards of quality in listing only the best varieties available, we have discarded over 20 older kinds of Mums

this year. You can be assured that the following list comprises one of the most modern and up-to-date listings of Hardy Mums in the country.

Every plant we send out is absolutely guaranteed to be true to name and free of disease and insects. All are SURE TO BLOOM. All blooming dates, descriptions, and growth data are from actual observations in our own fields in southern Minnesota.

Plants will be ready and available from March 1 to June 15.

LOWER PRICES FOR 1947 • The Mums of Tomorrow... Today!

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Alabaster. D. (English.) Excellent 5-inch incurved white.....	30	Sept. 20	\$0.50	\$1.25
Allegro. D. (De Petris.) Glowing shrimp-pink suffused with coppery salmon.....	24	Oct. 7	.50	1.25
Ambassador. D. (Large Commercial.) Pictured p. 23. Large incurved cream-white. Disbud to obtain 6 to 8-inch bloom.....	48	Oct. 23	.50	1.25
Amber Glow. D. (Youdath.) Brilliant rosy bronze, brighter than Mrs. du Pont.....	22	Oct. 6	.40	1.00
Apricot Glow. D. (Cumming.) Pictured p. 10. Rich apricot-bronze. A summer-flowering cushion type.....	18	Sept. 19	.60	1.50
Autumn Greetings. SD. (Kraus.) Pictured p. 11. Bright copper and gold flowers. Excellent for mass planting.....	26	Sept. 14	.50	1.25
Autumnsong. D. (Kraus.) Pictured p. 12. Large wine-rose shading to carmine. One of the most outstanding of the Chicago strain.....	22	Sept. 12	.75	2.00
Autumn Sunlight. D. (Rosebud.) A grand new, early, pure golden yellow.....	24	Aug. 27	.40	1.00
Autumntide. D. A beautiful blending of salmon-coral with a golden undertone.....	18	Aug. 28	.40	1.00
Avalanche. D. Pictured p. 9, 14, 15. The world's best large creamy white. One of the "Master Six".....	24	Sept. 4	.50	1.25
Aviator. D. (De Petris.) A new, coppery red, which promises to become very popular. A vigorous and easy grower.....	24	Oct. 2	.60	1.50
Barbara Small. D. (Kraus.) Clear lilac-pink, slightly brighter at the margins, with a carmine center.....	28	Sept. 16	.40	1.00
Betty. SD. (C&P.) Splendid upright rose-pink without a trace of magenta. One of the finest new pinks.....	28	Sept. 28	.50	1.25
Bokhara. D. (Cumming.) Pictured p. 10. New 1947. Captivating soft crimson and wine flowers in profusion. Strong, sturdy growth.....	24	Oct. 10	.75	2.00
Bonfire. D. Multitudes of burnt-bronze-red flowers on graceful stems. Very frost resistant.....	26	Oct. 2	.35	.90
Bridesmaid. D. (English.) New 1946. Most delicate flesh-pink suffused with cream and salmon. Large flowers.....	26	Oct. 10	1.00	2.50
Bronze Gold. SD. (Cumming.) Gorgeous fluffy mass of gold tinted with bronze; cushion type.....	20	Sept. 15	.50	1.25

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Burgundy. D. (Cumming.) Glowing wine-red. Perfect flowers on strong-stemmed plants.....	34	Sept. 19	\$0.50	\$1.25
Burma. D. (Cumming.) Pictured p. 15. Glistening bronze with soft orange tints.....	26	Sept. 26	.60	1.50
Butterball. D. (Longley.) Pictured p. 18. The best early butter-yellow, bronzing somewhat in cool weather.....	16	Aug. 12	.50	1.25
Calcite. D. (Kraus.) Pictured p. 24. Chalk-white with pale sulphur center. Very heavy bloomer.....	24	Sept. 18	.50	1.25
Candelight. D. (Kraus.) Pictured p. 13. Well-formed flowers of creamy ivory-white. Prolific bloomer; excellent plant habit.....	22	Aug. 26	.60	1.50
Celestra. D. (Large Commercial.) Large, very early, incurved golden yellow.....	30	Oct. 14	.40	1.00
Challenger. D. (English.) Pictured p. 8. Large, bright bronzy red. 6-inch blooms if disbudded.....	28	Oct. 2	.50	1.25
Charles Nye. D. (Kraus, 1946.) Pictured p. 9, 12. Large, 3-inch, fully double, rounded flowers of rich buttercup-yellow. One of the "Master Six".....	26	Sept. 28	.75	2.00
China Gold. D. (New English.) Bright golden bronze with quilled petals.....	36	Oct. 12	.60	1.50
Chippewa. D. (Longley.) Pictured p. 18, 24. Giant aster-purple, slightly incurved. Does especially well in the North.....	24	Sept. 4	.50	1.25
Chiquita. D. (Kraus 1107.) New 1947. Deep lemon-yellow, dome-shaped pom-pom. A very desirable addition.....	22	Sept. 28	.75	2.00
Chris Columbus. D. (Rosebud.) New outstanding ivory-white. Excellent for cutting.....	30	Sept. 28	.60	1.50
Coppelia. D. (English.) Heavy-textured, bright Indian-red. Strong grower.....	36	Sept. 26	.50	1.25
Coral Sea. S. (De Petris.) Dwarf salmon-buff suffused with coppery rose. Very hardy. Valuable for low borders and rock gardens.....	14	Oct. 4	.50	1.25
Courageous. D. (Kraus.) Pictured p. 9, 13. Bright dark ruby-red, large double flowers, 3½ inches in diameter. The most promising new early dark red. One of the "Master Six".....	26	Sept. 19	.75	2.00

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Cydonia. D. Pictured p. 15. Brilliant orange-chestnut overlaid with mahogany. We like it.....	34	Oct. 8	\$0.40	\$1.00
Dahliamum. D. Pictured p. 14. Quilled petals like a cactus dahlia, of bright wine-red.....	20	Sept. 10	.35	.90
Dean Kay. SD. (Mosnat.) Large cushion-type rose-pink.....	22	Sept. 10	.35	.90
Dee Dee Ahrens. D. (Longley.) The very earliest of all pure white cut-flower varieties.....	22	Aug. 20	.60	1.50
Detroit News. D. (Large Commercial.) Large incurved reddish bronze.....	36	Nov. 1	.50	1.25
Drifted Snow. D. (Kraus.) A mound of large, double white flowers, shaded yellow at center.....	24	Sept. 16	.60	1.50
Early Ace. D. (English.) Large incurved blooms of golden chestnut.....	26	Sept. 28	.40	1.00
Early Harvest. D. (Kraus.) Pictured p. 13. A mass of glowing mahogany-orange flowers for two months. Superior to any cushion variety.....	20	Sept. 7	.60	1.50
Early Wonder. D. Pictured p. 2. New, large, soft pink pompon. Excellent for cutting.....	38	Sept. 30	.50	1.25
Echoes. SD. (Kraus, 1946.) Rich vandyke-brown-toned copper, becoming orange at center.....	26	Oct. 1	.60	1.50
Eggshell. D. (Youdath.) Large, distinct eggshell-white, slightly deeper at center. Flowers 3 to 4 inches across. Excellent for cutting.....	30	Sept. 26	.60	1.50
Eldorado. D. (English.) Charming yellow, 5-inch bloom.....	30	Sept. 30	.40	1.00
Elite. D. (English.) Large; rose-pink with petals tipped bright gold.....	22	Oct. 8	.40	1.00
Eugene A. Wander. D. (Cumming.) Pictured p. 14. The largest and finest bright early yellow. Blooms 4 inches across.....	18	Aug. 25	.50	1.25
Eureka Giant. SD. (Hurley.) Brilliant golden orange. Strong grower.....	22	Oct. 1	.50	1.25
Fireglow. SD. (Cumming.) Pictured p. 11, 17. Brilliant Oriental red. Flowers very frost resistant.....	18	Sept. 22	.60	1.50
Flashlight. D. (Smith.) Pictured p. 24. Excellent early dark red, with golden reverse.....	24	Aug. 28	.40	1.00
Freda. D. (English.) Bright silvery mauve-pink. A beautiful flower of fine substance.....	24	Oct. 4	.50	1.25
Fred F. Rockwell. D. (Cumming.) Plant Patent 718. Pictured p. 10. A pompon of beautifully blended bronze and orange tones. One of "Master Six".....	26	Sept. 24	1.00	2.75
Garnet King. D. (Large Commercial.) Pictured p. 23. The best large dark red. Disbudded blooms are 6 to 7 inches in diameter.....	40	Nov. 18	.50	1.25
Glacier. D. (Longley.) Pictured p. 18. Dwarf, very early, absolutely pure white. Fine for bordering or pots.....	20	Aug. 26	.50	1.25
Gleam O'Gold. D. (Cumming.) A glorious golden yellow pompon.....	24	Sept. 18	.40	1.00
Glittering Hills. D. (Coles, 1946.) A new large, early, golden yellow variety from New Jersey.....	24	Sept. 14	.60	1.50
Glowing Coals. D. (Kraus, 1946.) Pictured p. 1, 12. Bright deep cherry-red with orange reverse. Well-branched sprays. One of the best early reds.....	26	Sept. 18	.75	2.00

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Gold. D. Large, very double flower of golden bronze. Excellent for cutting.....	26	Oct. 1	\$0.50	\$1.25
Golden Dome. D. (English.) Pictured p. 8. Bright golden yellow overlaid with bronze.....	28	Oct. 2	.50	1.25
Golden Treasure. D. (Youdath.) Large, heavy flowers of golden yellow.....	24	Sept. 27	.40	1.00
Gold Lode. D. (Large Commercial.) Large, reflexed flowers of light golden yellow. Disbud for largest flowers.....	40	Oct. 1	.40	1.00
Harbinger. D. (Kraus.) Pictured p. 24. A glorious early bronze with coloring of fall maples. Very good.....	22	Aug. 22	.40	1.00
Harbor Lights. D. (Cumming.) Pictured p. 16. Pale yellow with cream-white tints. Extra fine.....	22	Sept. 24	.50	1.25
Harvest Queen. D. Early; soft yellow. Fine upright plant. Grand for cutting.....	26	Sept. 17	.40	1.00
Hearthfire. D. (Kraus.) Pictured p. 13. Bright red flowers showing a small yellow center when fully open. Ideal for cutting.....	25	Sept. 20	.60	1.50
Heatherbloom. D. (Kraus.) Pictured p. 12, 14. Very double; heather-pink, center shaded rose-red with gold tipping. Outstandingly good.....	24	Sept. 4	.60	1.50
Hilda H. Bergen. D. (Large Commercial.) Pictured p. 23. Large incurved, dark reddish bronze.....	40	Oct. 25	.50	1.25
Igloo. S. (Styer.) An avalanche of pure white daisies.....	18	Oct. 2	.35	.90
Indiana. D. (English.) Pictured p. 8. Rich velvety crimson with darker center.....	28	Sept. 25	.50	1.25
Indianapolis Bronze. D. (Large Commercial.) Sturdy incurved buff-bronze. Disbud for large flowers.....	48	Nov. 8	.50	1.25
Indianapolis Pink. D. Large deep lavender.....	48	Nov. 8	.50	1.25
Indianapolis White. D. Large incurved white.....	48	Nov. 8	.50	1.25
Indianapolis Yellow. D. Pictured p. 23. Large lemon-yellow.....	48	Nov. 8	.50	1.25
Indianola. D. (Commercial.) Early, 4 to 5-inch flower of light reddish bronze.....	36	Oct. 12	.40	1.00
Indian Summer. D. (Cumming.) Glowing orange-bronze. Excellent for cutting.....	34	Oct. 7	.50	1.25
Jean Harlow. D. (English.) A semi-incurved bright golden yellow.....	26	Sept. 30	.50	1.25
Jean Treadway. D. (Cumming.) Pictured p. 11. Perfectly formed, very double pink, with deep rose center.....	24	Sept. 29	.50	1.25
Joan Helen. SD. Sparkling garnet-lake shading to purple; bright yellow center. Foliage completely hidden in bloom.....	18	Sept. 10	.50	1.25
Juanita. D. (English.) Soft light lavender-pink. Large flowers on strong, sturdy plants.....	32	Oct. 4	.40	1.00
Judith Anderson. D. (Cumming.) Pictured p. 2, 17. Extremely free-flowering golden yellow button.....	18	Oct. 10	.40	1.00
King Midas. D. (Cumming.) Pictured p. 11. One of the finest large, bright yellows. Very hardy.....	28	Sept. 26	.50	1.25
Korean Princess. D. (Reichert.) Plant Patent 640. Pictured p. 10. The first anemone-flowered hardy Mum. Flowers 2½ inches across, opening rich bronze-red, aging to soft strawberry-crimson with perfectly formed, golden bronze cushioned center. Excellent strong growth.....	24	Oct. 15	1.00	2.75

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Lavender Lady. D. (Cumming.) Pictured p. 9, 15. Immense silvery lavender. One of the "Master Six.".....	30	Oct. 6	\$0.50	\$1.25
Lavender Lassie. D. (Cumming.) Pictured p. 16. A grand new pompon with cushion-like growth. Color even better than Lavender Lady.....	22	Sept. 10	.50	1.25
Leda. D. (English.) Pictured p. 8. Beautiful rolled petals of heliotrope-pink. Flowers 6 to 7 inches across if disbudded. .	30	Oct. 2	.50	1.25
Little Eskimo. D. Pure white, ball-shaped pompons in abundance. Good white companion to Lavender Lassie.	18	Sept. 7	.40	1.00
Louise Schling. S. (Dreer.) Pictured p. 17. Glowing salmon-red. The best single red.	34	Oct. 6	.35	.90
Major Bowes. D. (Large Commercial.) Pictured p. 23. Large incurved deep lavender.	40	Oct. 20	.50	1.25
Mandalay. D. (Cumming.) Pictured p. 2. Brilliant orange-bronze. Excellent for cutting.	22	Sept. 22	.50	1.25
Margaret Ann. D. (Rosebud.) Large, free flowering, light rosy purple. Good for cutting.	26	Sept. 15	.50	1.25
Maroon 'n' Gold. D. (Longley.) Pictured p. 18. Prof. Longley's best since Chippewa. Immense, 4-inch flowers of bright mahogany shaded maroon, with golden reverse.	16	Aug. 26	.50	1.25
Martin's White. D. (Martin.) Immense, pure white flowers 4 inches across. Compact, bushy growth.	18	Sept. 5	.60	1.50
M. J. Costello. D. (Kraus.) Fine golden yellow with bronze shadings. An excellent pot plant.	20	Sept. 2	.40	1.00
Mrs. H. E. Kidder. D. (Large Commercial.) Pictured p. 23. Incurved flowers 7 inches across, of bright golden yellow. The best of all large yellows.	48	Oct. 15	.50	1.25
Mrs. J. Phillips. D. (English.) Very large, broad-petaled flowers of deep lavender-purple.	28	Oct. 1	.50	1.25
Mrs. Pierre S. du Pont III. D. (Cumming.) Pictured p. 16. Peach-pink tinted rosy salmon-bronze. One of the dozen best Mums.	26	Oct. 5	.50	1.25
Mrs. T. Riley. D. (English.) The largest English white. Petals broad and firm, outer ones reflexed, inner ones incurved, making a large, snow-white bloom.	24	Oct. 6	1.00	2.50
Murmurs. D. (Kraus 1137.) New 1947. Opens amaranth-pink, aging to clear mal-low-purple. Petals broad and incurved. Early.	24	Sept. 4	.75	2.00
My Lady. D. (Mosnat.) Pictured p. 14. A lovely combination of gold with bronzed shadings. In bloom practically all summer.	18	Aug. 27	.35	.90
Nanook. D. (Kraus 1099.) New 1947. Dwarf, compact mound completely smothered by white flowers with cream center. .	15	Sept. 14	.75	2.00
Nectar. D. (Rocknoll.) Large, informal flower of orchid-lavender with brighter center.	30	Oct. 5	.60	1.50
Norma. SD. (Commercial.) Pictured p. 23. Anemone-flowered deep lavender with golden crested center.	30	Oct. 28	.50	1.25

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
North Star. S. (Cumming.) Pictured p. 17. A cascade of pure, glistening white daisies.	24	Sept. 18	\$0.40	\$1.00
Olive Longland. D. (Kraus.) Pictured p. 9, 13. The Mum of the Year in 1945. Three-inch apricot-toned salmon-pink flowers. One of the "Master Six.".....	24	Sept. 26	.60	1.50
Orange Queen. D. (English.) Large, richest golden yellow with orange cast. .	28	Sept. 28	.50	1.25
Orchid Spoon. S. Pictured p. 17. Lovely orchid-pink. An excellent variety.	26	Oct. 6	.40	1.00
Pale Moon. D. (Cumming.) Pictured p. 11. Large, fluffy soft yellow. Very free flowering.	28	Sept. 20	.50	1.25
Peachblow. SD. (Cumming.) Blending of salmon-pink, bronze and fawn. Strong and sturdy.	30	Sept. 19	.40	1.00
Pepita. D. (Kraus 1160.) New 1947. Pictured p. 17. Densely quilled button-pompon of eggshell-white with darker center when young, changing to pure white with cream center.	26	Sept. 28	.60	1.50
Pink Dot. D. (Commercial Pompon.) Pictured p. 23. By far the finest pink in the entire pompon family.	40	Oct. 25	.50	1.25
Pink Radiance. D. (Cumming.) Pictured p. 10. Multitudes of luminous pink blossoms on rugged plants.	24	Sept. 24	.60	1.50
Pirate Gold. SD. Plants completely covered with buttercup-yellow flowers from September to frost.	20	Sept. 14	.40	1.00
Polar Ice. D. (Kraus.) Clear ice-white, double, 3-inch flowers. Very free flowering.	22	Sept. 9	.35	.90
Pollyanna. S. Tall, graceful, luminous Mayflower-pink with rosy salmon sheen. .	30	Oct. 9	.50	1.25
Primula. S. (Kraus.) Pictured p. 17. Graceful, free-flowering, yellow single. The best of the yellow daisy type.	36	Oct. 10	.40	1.00
Psyche. S. Large, orchid-rose daisy with lighter pink halo.	24	Oct. 2	.35	.90
Purity. D. (De Petris.) A solid double white pompon. Exceptionally hardy and early flowering.	24	Sept. 25	.50	1.25
Purple Cushion. SD. (Rosebud.) A new addition to the cushion family. Color reddish purple.	16	Sept. 15	.40	1.00
Pygmy Pink. D. (Skinner.) A dainty miniature, with 1-inch, fully double flowers of apple-blossom-pink. Fine for edging.	8	Aug. 12	.35	.90
Red Anemone. SD. The only one of this type. A vivid red-bronze with crested center.	24	Oct. 4	.50	1.25
Red Cushion. SD. New! Much earlier blooming than the old type.	18	Sept. 11	.30	.75
Red Gold. D. (Longley.) Pictured p. 18. The brightest of all pompons. A lively combination of red and orange-gold.	22	Aug. 20	.40	1.00
Dark Red Gold. D. (Lehman.) A bud sport of Red Gold. Color dark ruby-red. .	22	Aug. 20	.50	1.25
Red Ridinghood. D. New 1945. Pictured p. 16. An outstanding bright red. Petals very frost resistant.	26	Oct. 1	.40	1.00
Red Velvet. D. (Cumming.) Pictured p. 15. A surpassingly fine, full double, velvety crimson. Perhaps the best of all crimsons.	24	Oct. 2	.50	1.25

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Redwood. SD. (Longley.) Hundreds of bright red flowers on dwarf mounds. Excellent edging plant. Very free flowering.	14	Aug. 19	\$0.40	\$1.00
Rembrandt. D. (Cumming.) Pictured p. 16. A new art color in pompons. Rose-mauve with copper blending.	22	Sept. 28	.60	1.50
Rheingold. S. (Styer.) Pictured p. 17. Showy burnt-orange, single flowers. One of the Northland Daisies.	32	Oct. 5	.35	.90
Rose Glow. D. (Cumming.) Pictured p. 16. Very profuse; raspberry-rose.	26	Sept. 17	.50	1.25
Rose Princess. D. (English.) Salmon-rose, base flushed with gold. A very striking flower.	24	Sept. 28	.50	1.25
Rosita. D. (Kraus 1095.) New 1947. Pictured p. 17. Compact, light Persian-rose button-pompon. Bush completely covered with pink buttons.	26	Sept. 24	.60	1.50
Ruby Pompon. D. (Cumming.) Pictured p. 2. An exciting ruby-crimson pompon. Upright and very profuse blooming.	26	Oct. 5	.50	1.25
Scarlet Coat. D. (English.) Four-inch blooms with gold reverse.	26	Oct. 2	.50	1.25
September Bronze. D. (Cumming.) Pictured p. 2. Golden bronze, cushion-type pompon. Flowers very frost resistant.	24	Sept. 12	.50	1.25
September Cheer. D. A new, rich cherry-red. Well adapted to potting.	20	Sept. 15	.40	1.00
September Dawn. D. Pictured p. 24. New large bright rose-pink. Perhaps the best of the so-called pinks to date.	22	Sept. 26	.50	1.25
September Gold. D. (Cumming.) Pictured p. 2. Large, brilliant golden yellow pompons.	26	Sept. 28	.50	1.25
September Sunshine. SD. Free-flowering early yellow.	20	Sept. 14	.50	1.25
Sequoia. D. Pictured p. 15. Exquisite rich mellow-ember. Very large flowers.	20	Oct. 4	.40	1.00
Sieglinde. S. (Styer.) Pictured p. 17. Dainty coral-red single. Different from any other.	34	Oct. 8	.35	.90
Sienna. D. (Kraus, 1946.) Dark reddish orange toned burnt-sienna-brown. A heavy-textured, long-lasting flower.	22	Sept. 16	.60	1.50
Silver Ball. D. (Commercial Pompon.) Pictured p. 23. Large, pure white pompon. About the best of all cut-flowers.	36	Oct. 15	.50	1.25
Silver Moon. S. (Cumming.) Pictured p. 17. White, like a glorified Shasta Daisy.	38	Sept. 28	.40	1.00
Silver Sheen. D. (Large Commercial.) Most popular large white incurved. Disbud for 6 to 7-inch flowers.	38	Oct. 18	.50	1.25
Simba. D. (Kraus, 1946.) Pictured p. 13. Profuse masses of soft orange-bronze flowers. Splendid for cutting.	24	Sept. 4	.50	1.25
Snowfall. D. (Kraus 1103.) White, slight cream at center with pointed petals.	22	Sept. 28	.75	2.00
Song of India. D. (Kraus.) Excellent large bronzy peach flowers.	22	Sept. 18	.50	1.25
Southwind. D. (Kraus, 1946.) Masses of large Chinese-red flowers toned salmon-buff, borne on sturdy, much-branched plants.	20	Sept. 18	.60	1.50
Splitfire. D. (English.) Good-sized flowers of orange-bronze. Good grower.	28	Oct. 2	.60	1.50

D., Double; SD., Semi-double; S., Single Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
Stalwart. D. (Kraus.) Pictured p. 2. Very prolific golden bronze pompon. Very frost resistant.	24	Oct. 2	\$0.50	\$1.25
Sunape. D. (U. of N. H.) A new golden yellow developed by Prof. Holley.	24	Sept. 7	.50	1.25
Sundance. D. (Kraus.) Hundreds of fully double, golden bronze pompons cover attractive upright plants from mid-September to November.	25	Sept. 20	.50	1.25
Tangerine. D. (Kraus 1150.) New 1947. Brilliant Spanish-orange—an entirely new color in Mums.	24	Sept. 27	.75	2.00
Thalia. S. Pictured p. 17. Graceful sprays of brilliant sparkling yellow-orange.	20	Sept. 12	.35	.90
The Moor. D. (Cumming.) Pictured pp. 11, 16. Brilliant amaranth-crimson.	28	Sept. 22	.50	1.25
Tiffany Rose. SD. (Carroll.) A brilliant deep rose that attracts attention.	26	Sept. 30	.50	1.25
Tiger. D. (English.) Pictured p. 8. Large; bright crimson on opening, changing to bronze and then yellow. All three colors may be found on the same plant at the same time.	26	Sept. 28	.50	1.25
Tolcross Pink. D. (New English.) By far the best English pink. Large solid flowers of rose-pink.	30	Oct. 12	1.00	2.50
Tussore. SD. (Kraus.) Pictured p. 17. Exceptionally fine orchid-pink. We like this the best of all singles.	24	Sept. 30	.40	1.00
Twilight. D. (Kraus 1140.) New 1947. A pleasing fuchsia-purple with silvery reflex. Strong grower.	26	Oct. 5	.75	2.00
Valiant. SD. (Kraus 1167.) New 1947. A bold flower with long petals of bright rose-scarlet with yellow center.	25	Sept. 27	.75	2.00
Violet. D. (Longley, 1946.) Dr. Longley's newest purple. Full double, dahlia-like bloom of good color and substance.	24	Aug. 26	.50	1.25
Vulcan. D. (English.) Pictured p. 8. Large, nicely shaped flowers of brilliant crimson. We consider this the best red in the English group.	26	Sept. 26	.50	1.25
Westbourne. D. (English.) Pictured p. 8. The darkest of all rich reds.	28	Sept. 26	.50	1.25
White Cushion. D. Mounds of pure white flowers from mid-September to frost.	18	Sept. 15	.30	.75
White Knight. D. Pictured p. 11. Large, clear ivory-white of fine form and substance.	26	Sept. 15	.60	1.50
White Spoon. S. Pictured p. 17. A grand novelty with fuzzy white flowers.	22	Sept. 26	.40	1.00
White Wonder. D. The perfect free-flowering white, ball-shaped pompon.	30	Sept. 26	.75	2.00
William Longland. D. (Kraus.) A beautiful medley of red and yellow.	26	Sept. 12	.40	1.00
Yellow Avalanche. D. (Lehman.) New 1947. <i>The Mum of the Year.</i> A clear soft yellow bud sport of the white variety.	24	Sept. 4	.75	2.00
Yellow Cushion. D. A mass of golden yellow all fall.	16	Sept. 8	.30	.75
Yellow Dot. D. (Commercial.) Pictured p. 23. An excellent large yellow pompon.	32	Oct. 25	.50	1.25
Yellow Spoon. S. Pictured p. 17. Very fine clear bright golden yellow tubes and spoons.	22	Oct. 8	.40	1.00
Zantha. D. (Kraus.) Pictured pp. 12, 24. A new perpetual-blooming, clear canary-yellow with ball-shaped flowers. Outstandingly good.	22	Sept. 6	.50	1.25

America's Favorite HARDY MUMS

5 All-American RED

Autumnsong
Courageous
Glowing Coals
Red Ridinghood Red Velvet
5 sure-to-bloom plants
(1 of each)

\$2.70 (\$3.20 Value)

The
**LEHMAN
GARDENS**
Box 2A
FARIBAULT, MINN.

5 All-American WHITE

Avalanche Drifted Snow
Candlelight Eggshell
White Knight
5 sure-to-bloom plants
(1 of each)

\$2.40
(\$2.80 Value)

LEHMAN'S Master Six

AVALANCHE LAVENDER LADY
CHARLES NYE FRED F. ROCKWELL
COURAGEOUS OLIVE LONGLAND
6 sure-to-bloom plants (1 of each)

\$3.50 (\$4.10 Value)

5 All-American LAVENDER-PINK

Betty, Early Wonder
Heatherbloom, Lavender Lady
September Dawn
5 sure-to-bloom plants
(1 of each)

\$2.35
(\$2.60 Value)

5 All-American BRONZE

Cydonia Indian Summer
Harbinger Challenger
Mrs. Pierre du Pont
5 sure-to-bloom plants
(1 of each)

\$2.20 (\$2.40 Value)

Special Offer 30 World's Best Mums

Here are America's Favorite Hardy Mums
(Mum's the word for a colorful garden!)

5 RED	5 LAVENDER-PINK
5 WHITE	5 YELLOW
5 BRONZE	5 NOVELTIES

11/21/50

5 All-American YELLOW

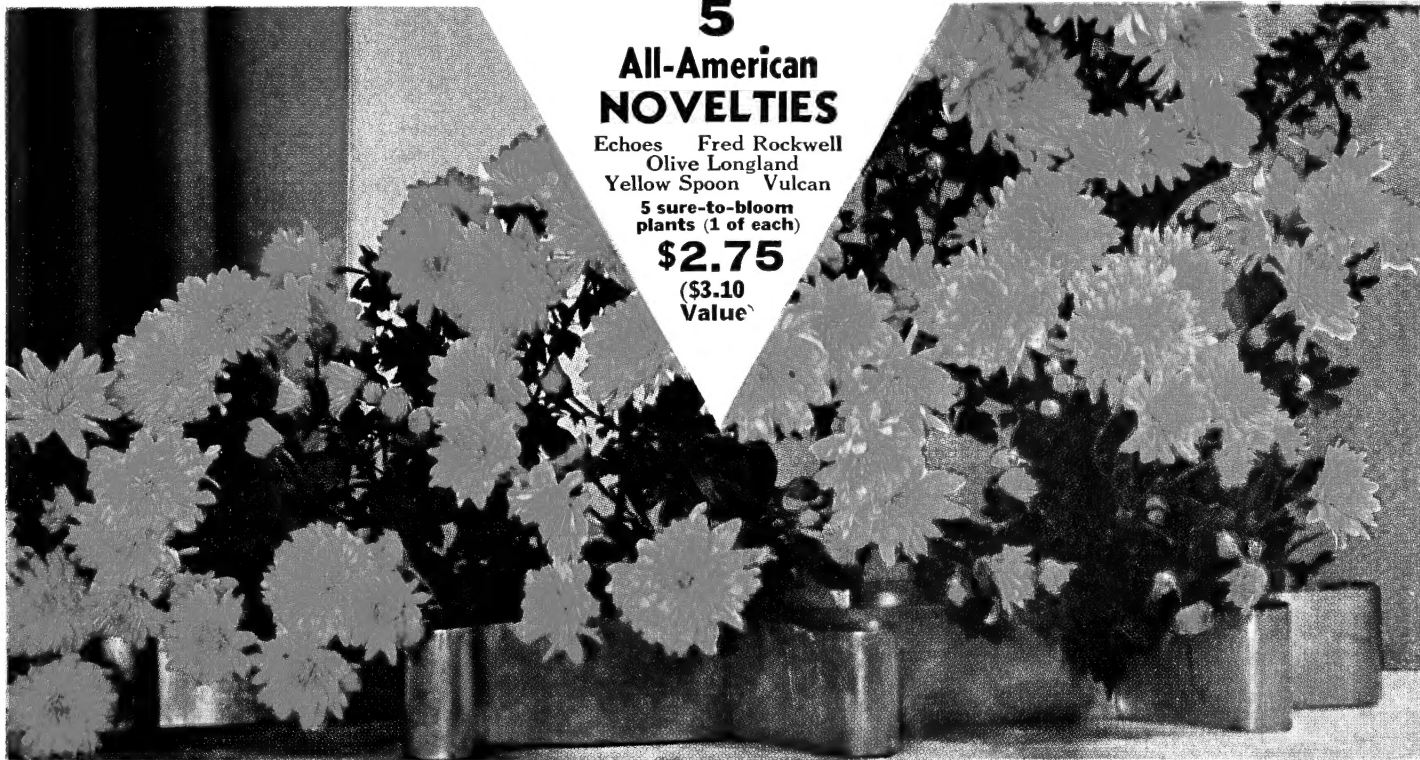
Autumn Sunlight
Charles Nye
Eugene Wander
King Midas, Yellow Avalanche
5 sure-to-bloom plants
(1 of each)

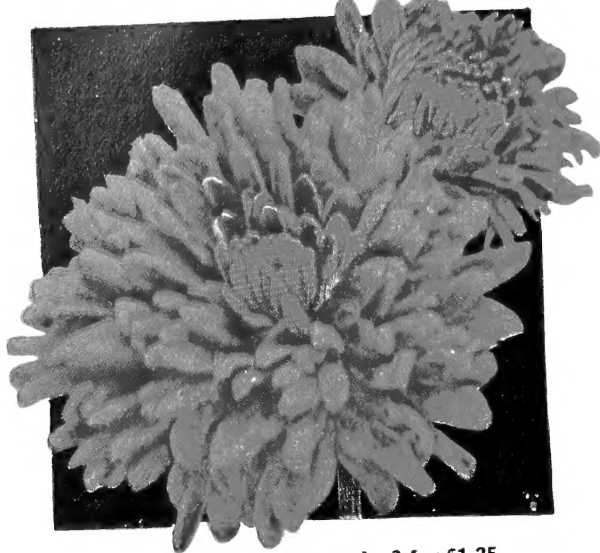
\$2.60 (\$3.00 Value)

5 All-American NOVELTIES

Echoes Fred Rockwell
Olive Longland
Yellow Spoon Vulcan
5 sure-to-bloom plants (1 of each)

\$2.75
(\$3.10 Value)

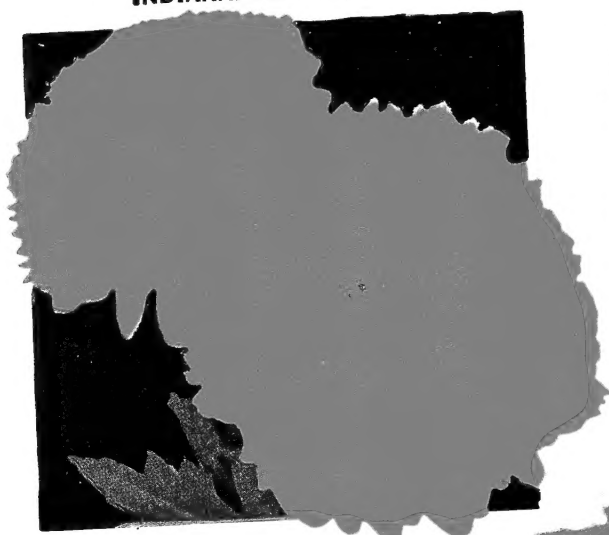




WESTBOURNE. 50c each; 3 for \$1.25



INDIANA. 50c each; 3 for \$1.25



GOLDEN DOME. 50c each; 3 for \$1.25



CHALLENGER. 50c each; 3 for \$1.25

7 New English Hybrid Mums



VULCAN
50c each; 3 for \$1.25



LEDA. 50c each;
3 for \$1.25

TIGER
50c each;
3 for \$1.25



This group has been selected as the most dependable of over 100 varieties tested.

7 Sure-to-blooms plants (1 of each) for **\$2.80**

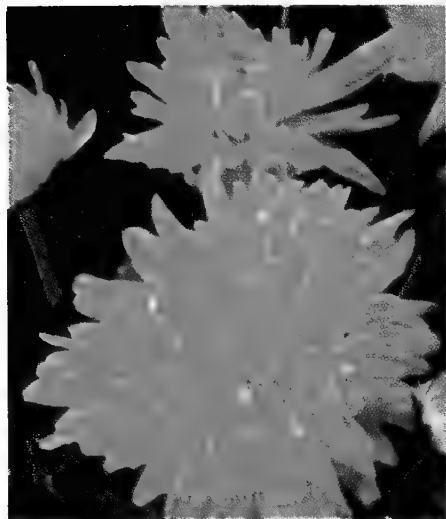
21 plants (3 of each) for **\$8.00**



OLIVE LONGLAND. 60c each; 3 for \$1.50



LAVENDER LADY
50c each; 3 for \$1.25



CHARLES NYE. 75c each; 3 for \$2.00

Lehman's **Master 6 Mums**



6 SURE-TO-BLOOM PLANTS (1 of each) for **\$3.50**

18 PLANTS (3 of each) for. . . **\$9.50**

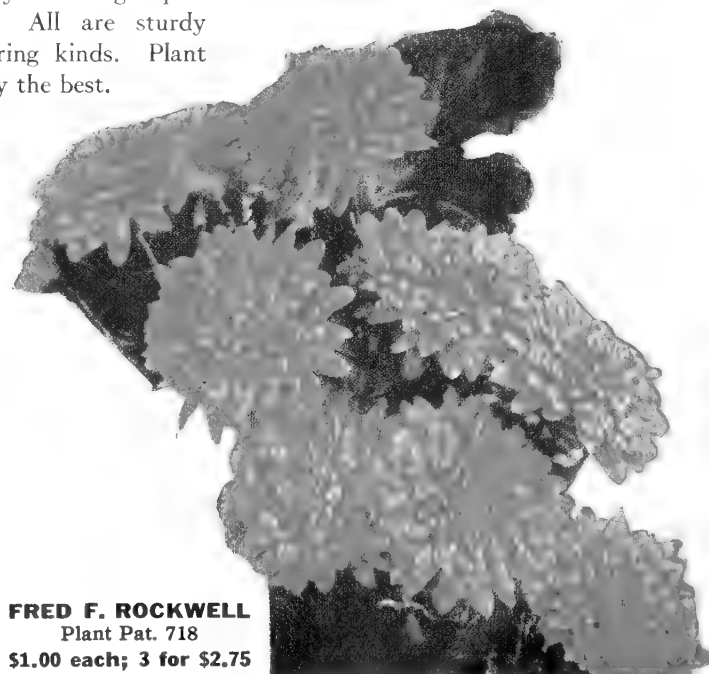


COURAGEOUS. 75c each; 3 for \$2.00

Every variety in this group is a masterpiece. All are sturdy and free-flowering kinds. Plant these and enjoy the best.



AVALANCHE
50c each;
3 for \$1.25



FRED F. ROCKWELL
Plant Pat. 718
\$1.00 each; 3 for \$2.75

5 New Bristol Mums

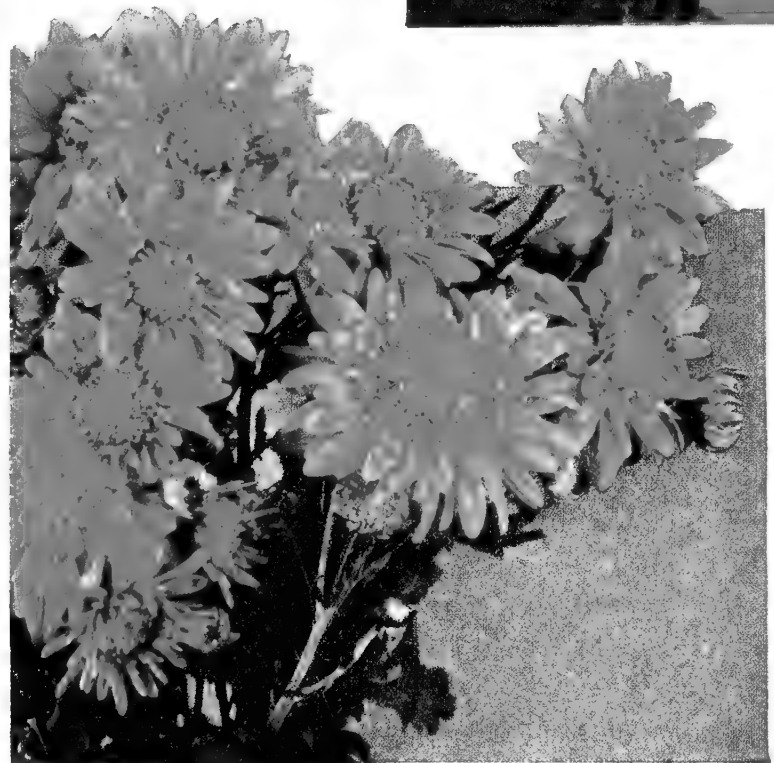
Mr. Alex Cumming has
done a magnificent job in
producing these five excel-
lent Mums.

FRED F. ROCKWELL
Plant Pat. 718
\$1.00 each; 3 for \$2.75



PINK RADIANCE. 60c each; 3 for \$1.50

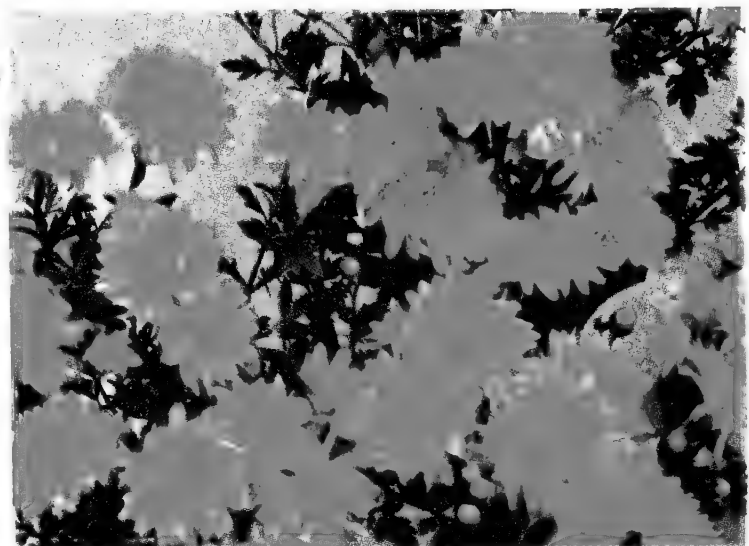
5 SURE-BLOOM PLANTS **\$3.75**
(1 of each) for
15 PLANTS **\$11.00**
(3 of each) for



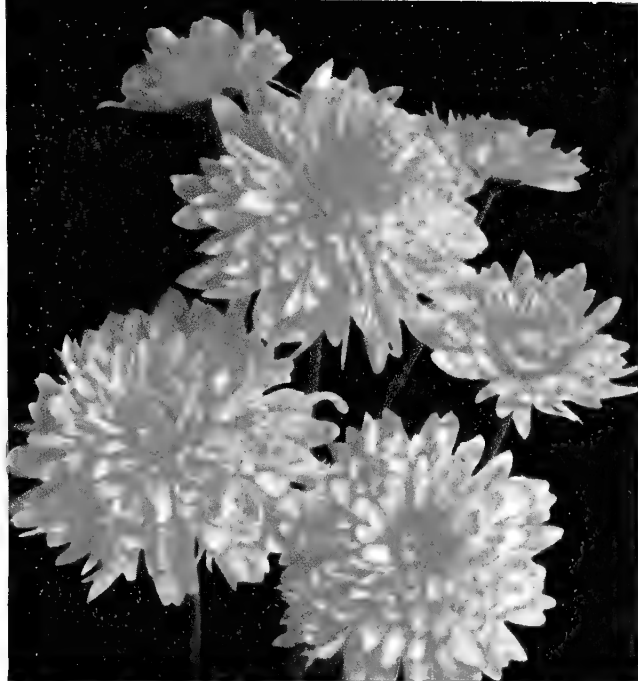
KOREAN PRINCESS. \$1.00 each; 3 for \$2.75



BOKHARA. 75c each; 3 for \$2.00



APRICOT GLOW. 60c each; 3 for \$1.50



PALE MOON. 50c each; 3 for \$1.25

7 *Smart-Set*

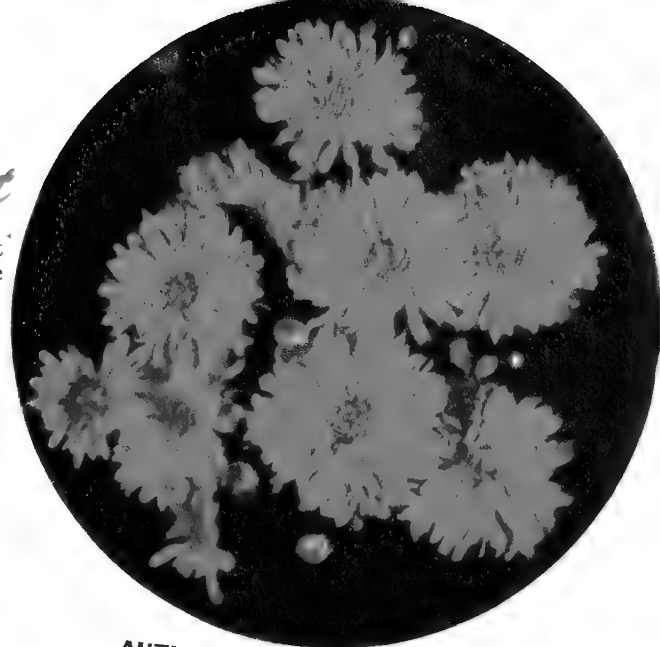
If it's color you want
in your fall garden, these
seven will produce it.

7
Sure-to-Bloom Plants
(1 of each) for

\$3.40

21 Plants
(3 of each) for

\$9.00



AUTUMN GREETINGS
50c each; 3 for \$1.25



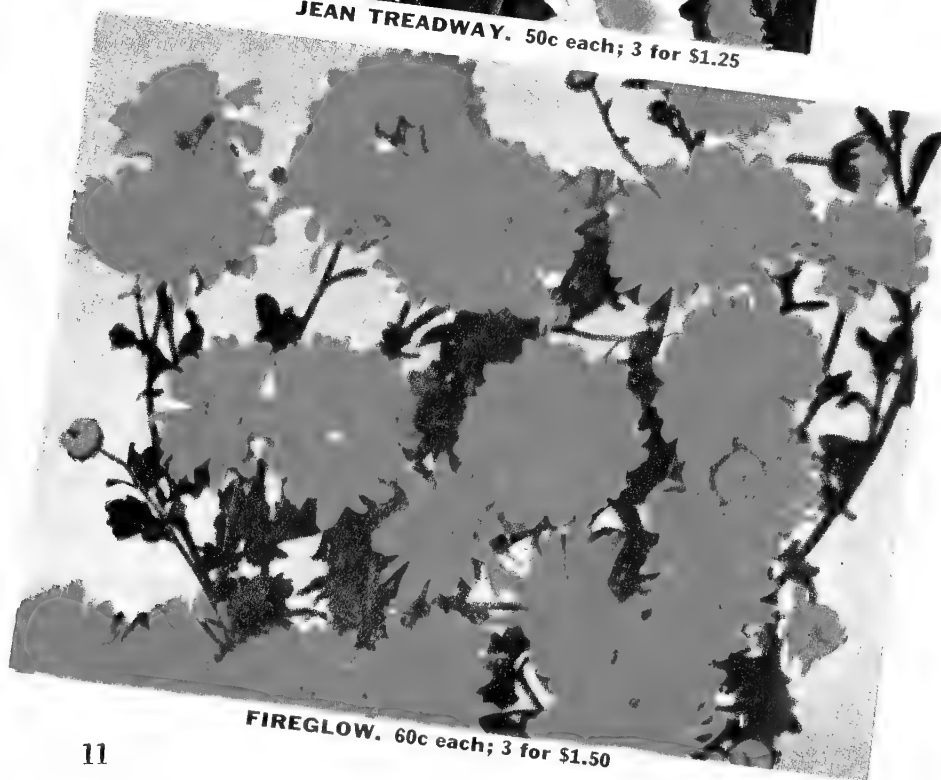
THE MOOR. 50c each; 3 for \$1.25 **KING MIDAS.** 50c each; 3 for \$1.25



JEAN TREADWAY. 50c each; 3 for \$1.25



WHITE KNIGHT. 60c each; 3 for \$1.50



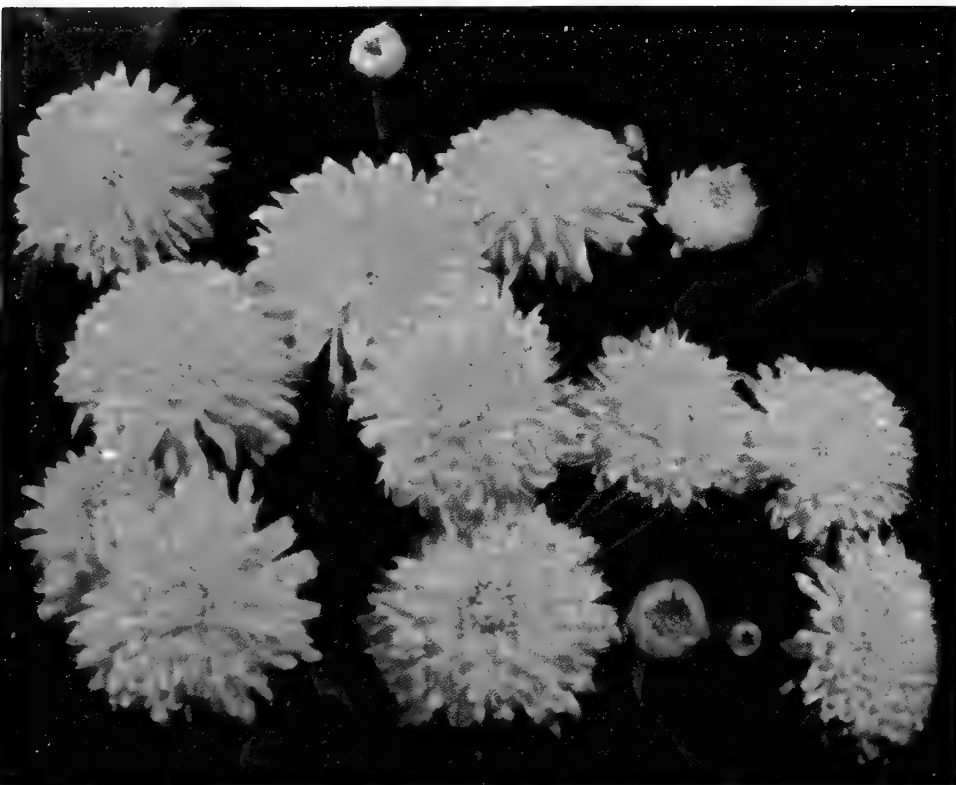
FIREGLOW. 60c each; 3 for \$1.50



HEATHERBLOOM. 60c each; 3 for \$1.50



AUTUMNSONG. 75c each; 3 for \$2.00



ZANTHA. 50c each; 3 for \$1.25

HERE ARE... *The Grand Champions*

THE CHICAGO STRAIN

TEMPTINGLY DIFFERENT AND AS NEW AS TOMORROW

For twelve years Dr. Kraus of the University of Chicago has been growing Hardy Chrysanthemums from scientifically selected seeds. They have been tested for winter hardiness, color and form of flower, petal substance, early-blooming qualities, disease resistance, and ornamental foliage. What we offer here represents the "cream of the crop"—a grand contribution to the Hardy Mum list.

INTRODUCING THE 1947 MODELS OF THE GRAND CHAMPIONS

- Chiquita** (1107). Deep lemon-chrome-yellow; fully double; compact, dome-shaped pompon. 18 to 24 in. Late Sept. on. 75c each; 3 for \$2.00.
- Murmurs** (1137). Semi-double; amaranth-pink, clustered flowers. 18 to 24 in. Late August to Oct. 75c each; 3 for \$2.00.
- Nanook** (1099). Double; white with cream center. Free flowering. 12 to 18 in. Mid-Sept. to mid-Oct. 75c each; 3 for \$2.00.
- Pepita** (1160). Densely quilled pompon-button. Egg-shell-white with darker center when young, changing to pure white with slight yellow center. 18 to 24 in. Late Sept. on. 60c each; 3 for \$1.50.
- Rosita** (1095). Pompon-button. Light Persian-rose; full double, quilled or rolled. Open sprays of 5 to 7 flowers; long individual flower stems. Late Sept. on. 60c each; 3 for \$1.50.
- Snowfall** (1103). Double; white with slight cream at center. 20 in. Sept. 30 on. 75c each; 3 for \$2.00.
- Tangerine** (1150). Full double; Spanish orange to grenadine-red. Long, overlapping, slightly twisted petals give very fluffy appearance. Excellent for cutting. Mid-Sept. on. 75c each; 3 for \$2.00.
- Twilight** (1140). Fuchsia-purple, back of petals somewhat lighter, giving the flower a silvery sheen. 2 ft. 75c each; 3 for \$2.00.
- Valiant** (1167). Semi-double, bright rose-scarlet flowers. 18 to 24 in. Mid-Sept. to mid-Oct. 75c each; 3 for \$2.00.

9 Sure-to-Bloom Plants \$5.00 ppd.

(1 of each above)

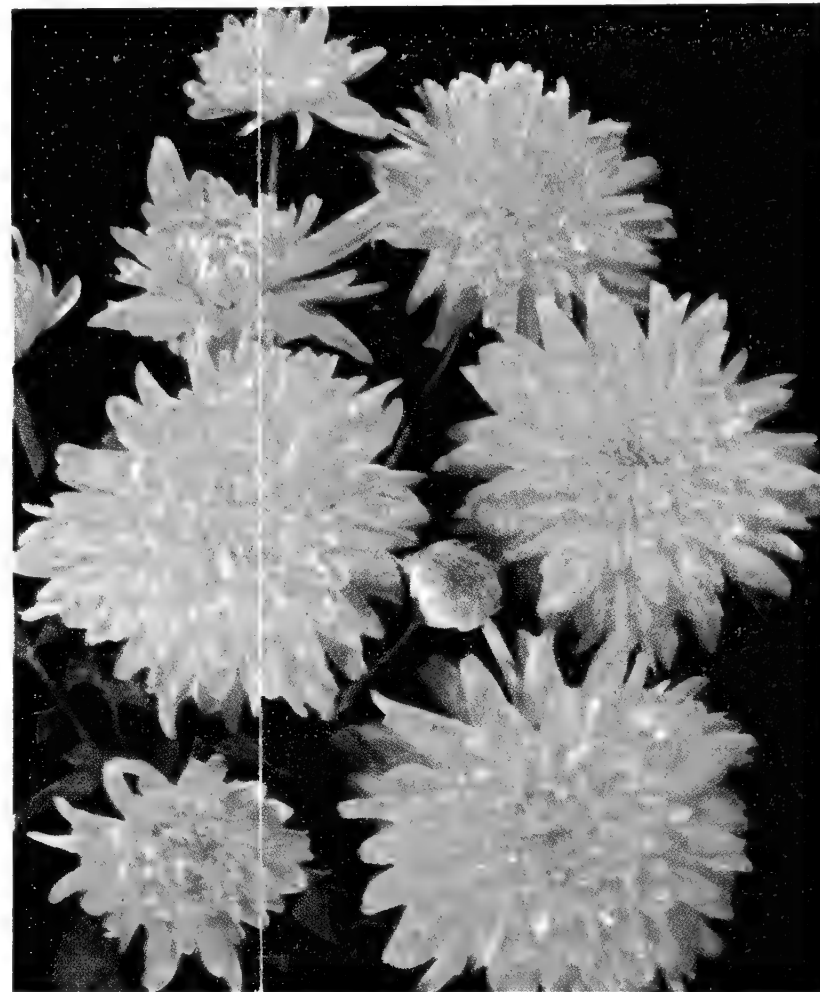
11 Sure-to-Bloom Plants \$5.50

(1 of each pictured)

33 Plants^(3 of each pictured) \$15.00

POSTPAID ANYWHERE

*All Strong
Sure-to-Bloom Plants*



CHARLES NYE. 75c each; 3 for \$2.00



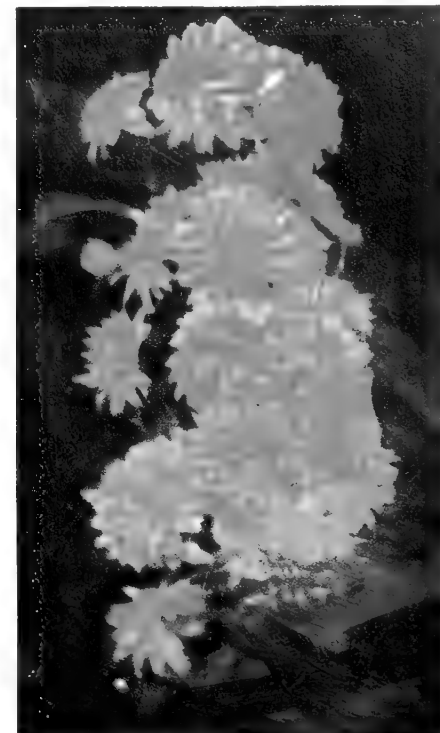
CANDLELIGHT
60c each; 3 for \$1.50



HEARTHFIRE. 60c each; 3 for \$1.50



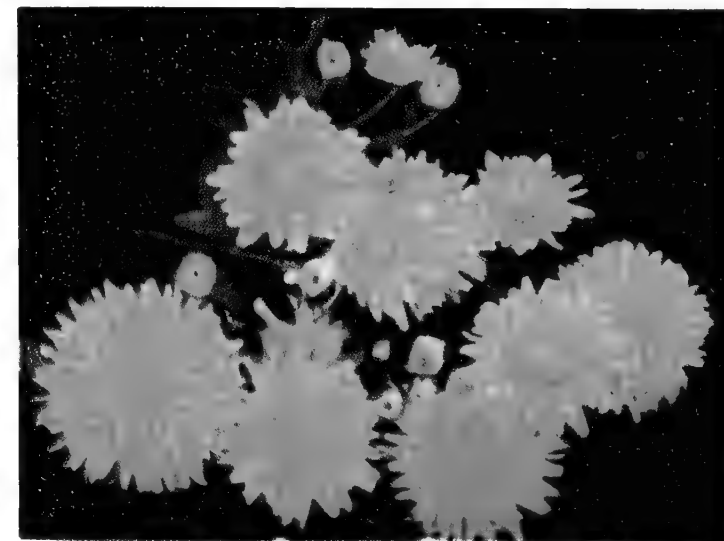
COURAGEOUS. 75c each; 3 for \$2.00



EARLY HARVEST
60c each; 3 for \$1.50



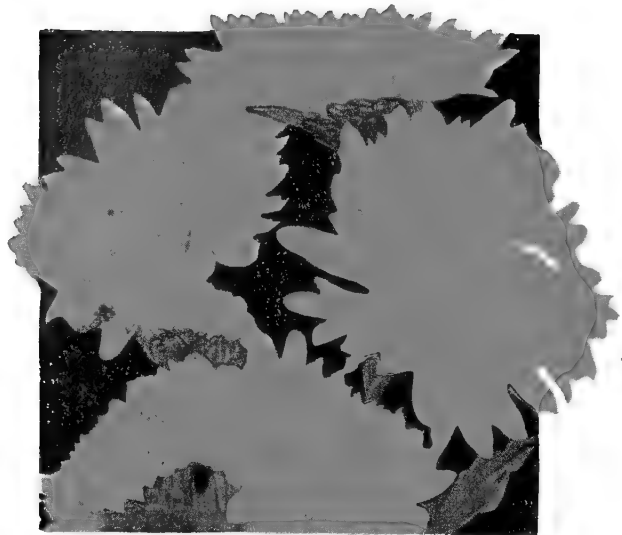
GLOWING COALS. 75c each; 3 for \$2.00



SIMBA. 50c each; 3 for \$1.25



OLIVE LONGLAND. 60c each; 3 for \$1.50



MY LADY. 35c each; 3 for 90c

Mum's the Word!

MUMS from Minnesota- the Best Plants to Plant

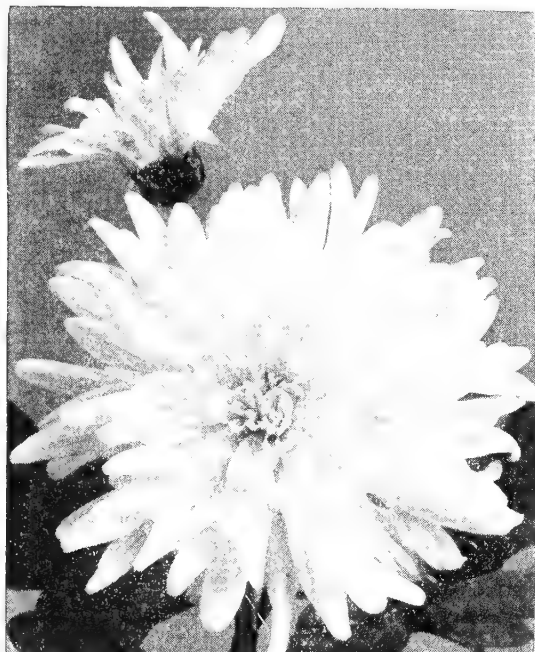
5 Early-Flowering MUMS

A selection of the finest early-flowering varieties that will begin blooming in late August and continue until killed by hard frost. See blooming dates on page 3.

**5 plants (1 of each)
for \$2.00**

**15 plants (3 of each)
for \$5.00**

All strong, sure-to-bloom plants. Postpaid anywhere.



AVALANCHE. 50c each; 3 for \$1.25



DAHLIAMUM. 35c each; 3 for 90c



EUGENE A. WANDER. 50c each; 3 for \$1.25



HEATHERBLOOM. 60c each; 3 for \$1.50



SEQUOIA. 40c each; 3 for \$1.00



CYDONIA. 40c each; 3 for \$1.00



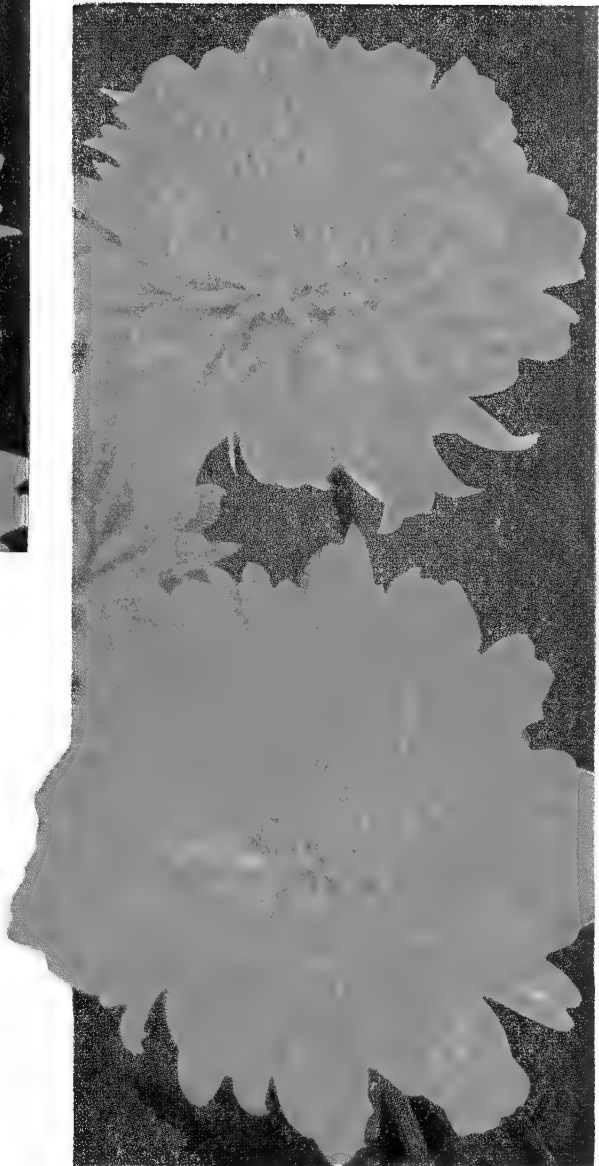
AVALANCHE. 50c each; 3 for \$1.25

6 Highlights

An excellent assortment
of choice cutting Mums to
give you loads of cut-flowers.

6
Sure-to-Bloom Plants
(1 of each)
for **\$2.50**

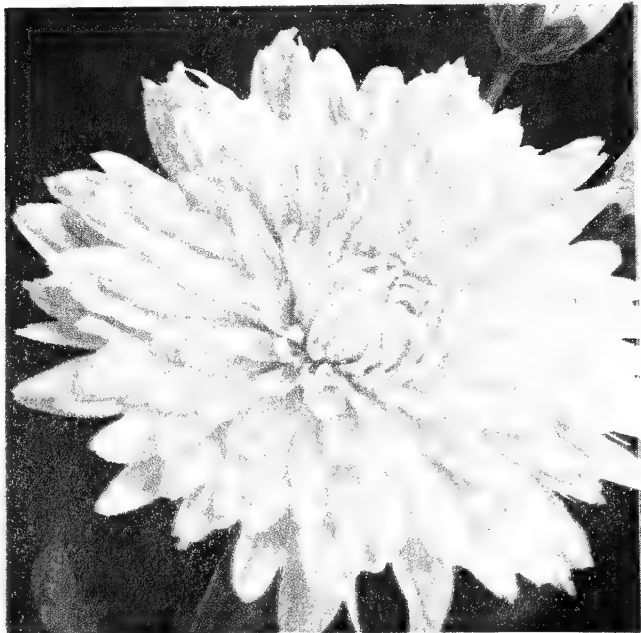
18 Plants
(3 of each)
for **\$7.00**



BURMA. 60c each; 3 for \$1.50



RED VELVET. 50c each; 3 for \$1.25



LAVENDER LADY. 50c each; 3 for \$1.25

St. Maries, Idaho
I felt I must write and tell you how pleased I am with the
Chrysanthemums I got from you this spring. They've been
wonderful. Be sure to send me your catalog next spring, as
I'll be needing some more.—Mrs. H. A. S.



HARBOR LIGHTS. 50c each; 3 for \$1.25



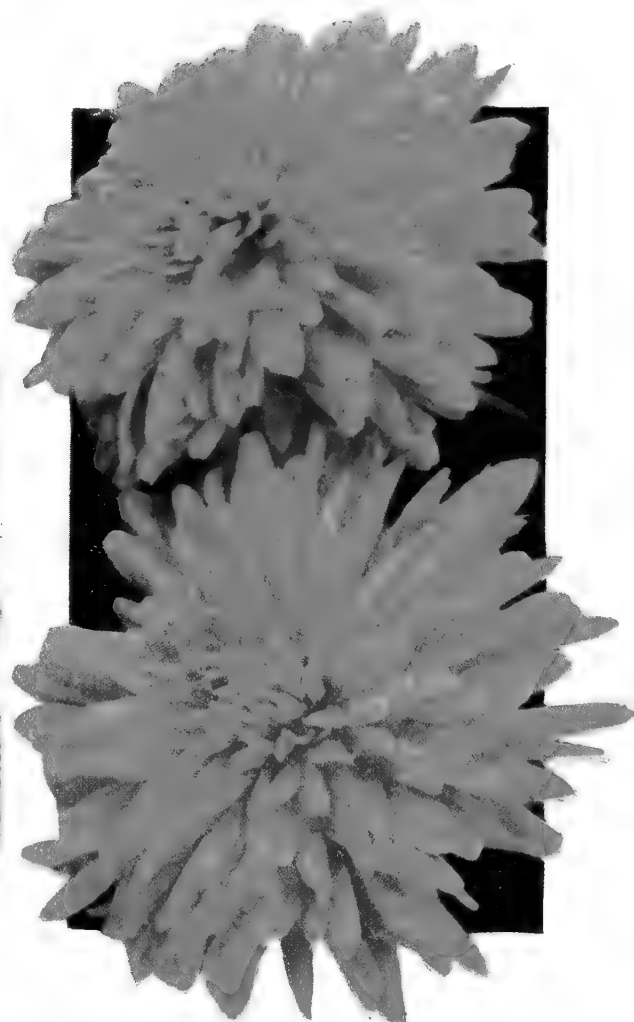
THE MOOR
50c each; 3 for \$1.25



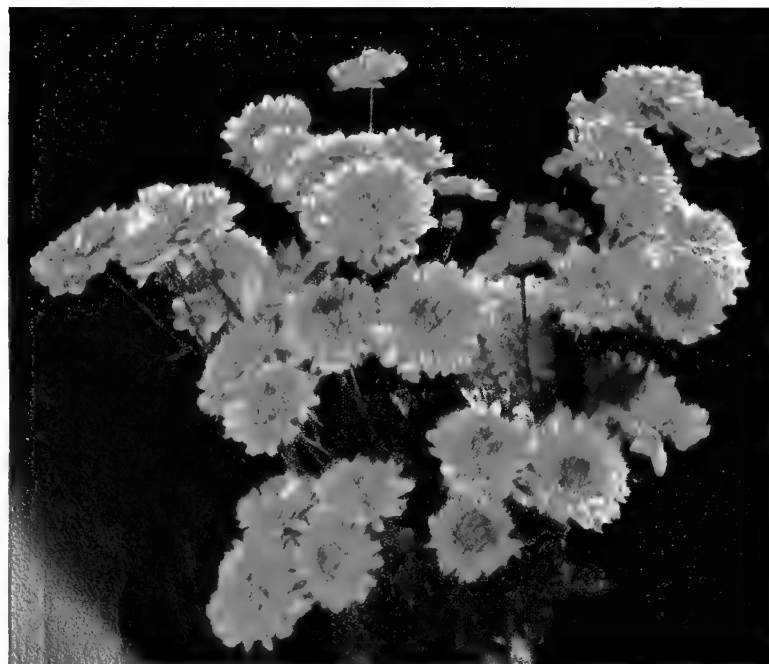
RED RIDINGHOOD. 40c each; 3 for \$1.00



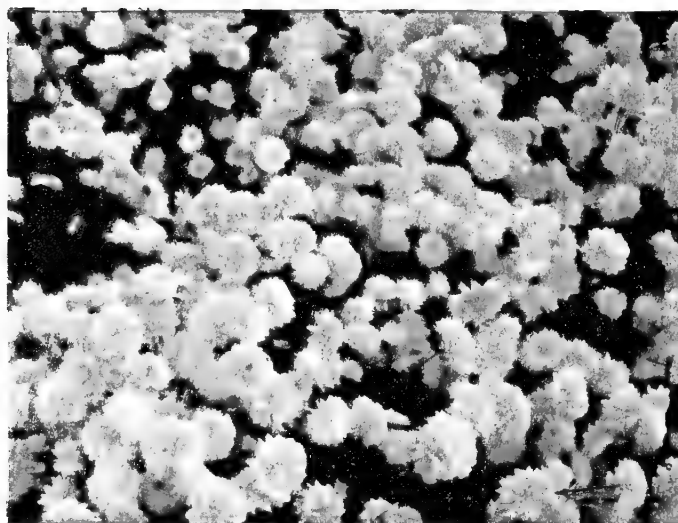
ROSE GLOW
50c each; 3 for \$1.25



MRS. P. S. DU PONT III
50c each; 3 for \$1.25



REMBRANDT. 60c each; 3 for \$1.50

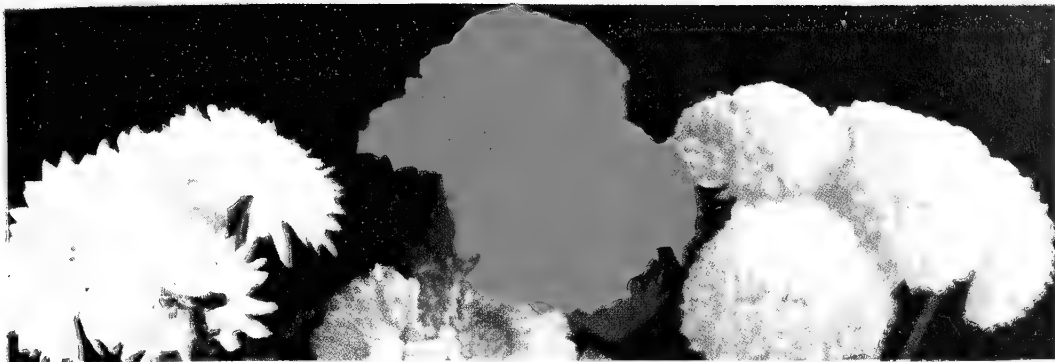


LAVENDER LASSIE. 50c each; 3 for \$1.25

— 7 Art Shades —

7 Sure-to-Bloom Plants for **\$3.00**
(1 of each)

21 Plants (3 of each) for . . . **\$8.00**

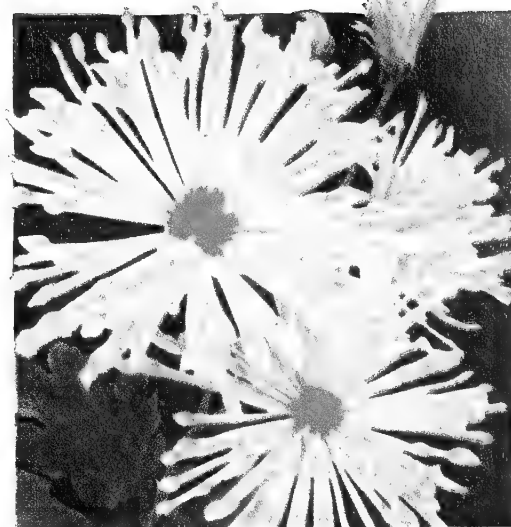


BUTTON POMPON CHRYSANTHEMUMS

PEPITA (White)
60c each; 3 for \$1.50

JUDITH ANDERSON (Yellow)
40c each; 3 for \$1.00

ROSITA (Pink) } 3 BUTTONS (1 of
60c each; 3 for \$1.50 } each) for \$1.30



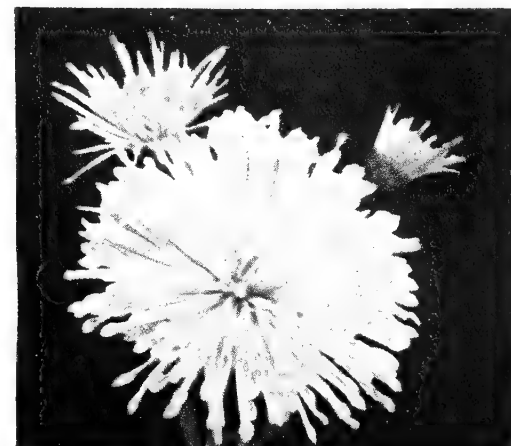
ORCHID SPOON
40c each; 3 for \$1.00



LOUISE SCHLING
35c each; 3 for 90c



SILVER MOON. 40c each; 3 for \$1.00



WHITE SPOON
40c each; 3 for \$1.00



FIREGLOW
60c each; 3 for \$1.50
RHEINGOLD
35c each; 3 for 90c

SIEGLINDE
35c each; 3 for 90c
NORTH STAR
40c each; 3 for \$1.00

PRIMULA
40c each; 3 for \$1.00
THALIA
35c each; 3 for 90c

TUSSORE
40c each; 3 for \$1.00



YELLOW SPOON
40c each; 3 for \$1.00

Charming **SINGLE MUMS**

Single Mums have a grace and airiness not found in the heavier doubles. The flowers, in clear, striking and brilliant colors, are produced in lavish profusion on long, arching sprays. Plants are very hardy.

9 Sure-to-Bloom Plants for **\$3.20**
(1 of each)

27 Sure-to-Bloom Plants for **\$9.00**
(3 of each)

5 Dr. Longley's Best

FIVE extremely early-flowering kinds that are particularly recommended for the far north. All will bloom in August and early September.



MAROON 'N' GOLD. 50c each; 3 for \$1.25



GLACIER. 50c each; 3 for \$1.25



RED GOLD
40c each; 3 for \$1.00

5 Sure-to-Bloom Plants for . . . **\$2.10**
(1 of each)

15 Plants (3 of each) for . . . **\$6.00**



CHIPPEWA. 50c each; 3 for \$1.25

BUTTERBALL
50c each; 3 for \$1.25



Mum Culture and Care

OUR MUM COLLECTION

Our collection of Hardy Garden Chrysanthemums is the most up-to-date and modern in the country. We are now growing and testing over 500 distinct varieties. We have all the worthwhile new varieties produced by the best originators in the land. These include all introduced by Prof. L. E. Longley of the University of Minnesota, the Chicago Strain developed by Dr. Kraus of the University of Chicago, those originated by the U. S. Department of Agriculture, the new English varieties imported from Canada, Bristol's newest creations, and the better things from other growers.

CULTURE

Hardy Garden Mums are among the easiest of all hardy plants to grow. They will tolerate almost endless neglect and still survive and give some bloom. To have them at their best, give them good culture, a sunny location, a rich soil, and do not let them suffer for want of moisture during the hot summer.

Mums in the garden should be planted in an open, sunny location and should not be shaded by buildings, large shrubs or trees for more than three or four hours per day. Any fairly rich soil, be it sandy, clay or loam, that will grow other flowers and vegetables well, will also grow good Mums. Peat moss, leaf mold or barnyard manure worked into the soil is an excellent conditioner and much to their liking.

PLANTING

Spring is by far the best planting season. The proper planting time is when the spring garden work is well under way and the heavy, ice-freezing frosts are past. Planting can begin about the time early tulips begin to bloom and can be continued until peonies are in bloom. Here in southern Minnesota this would be from about late April until mid-June. Farther south this date would be advanced according to the climate. This gives the plants until fall to develop a good root system and enough top to give abundant bloom. Well-started plants grown in 2¼-inch pots and planted with a ball of earth around the roots are the most satisfactory. One-year-old, field-grown clumps seldom give satisfactory results, for they are hard to handle and there are usually not enough roots to support the many shoots that spring up. In replanting old clumps, always divide them into individual shoots. Those from the outside of the clump are the strongest and should be retained; discard the old stumpy center crown. Field-grown divisions packed with moss about the roots are often offered; these will usually grow but seldom give a good account of themselves.

SUMMER CARE

Good culture during the summer, with regular loosening up of the soil about the plants to maintain a constant supply of moisture, to aerate the ground, and to keep weeds from becoming established, is all that is necessary to grow good Mums. One or two applications of a well-balanced commercial fertilizer are beneficial but not absolutely necessary. Roughly, about a small handful of commercial fertilizer per plant at about one-month intervals is sufficient. The first application can be made in late July or early August. This highly concentrated fertilizer should not be used when the soil is dry, because foliage and root burn will result. Be sure that plenty of moisture is available at time of application.

WATERING

The best way to water Mums is to make a saucer-like depression about the plant, lay the hose on the ground, and let the water run slowly. The following day the soil can be loosened up and leveled again. A thorough watering like this should be sufficient for a week or ten days, even during the hottest and driest weather. Sprinkling the plants from overhead should be discouraged, for that invites foliage diseases. By keeping the foliage of Mums as dry as possible, spraying should not be necessary in order to grow a good crop of flowers.

OUR SURE-TO-BLOOM PLANTS

We believe our sure-to-bloom plants, grown from virgin cuttings, well established in 2¼-inch pots and sent to you with a ball of good soil about the roots are the most practical and economical to buy. These potted plants set out as late as early July will, with good care during the heat of summer, make fine blooming plants by October. We have hundreds of letters in our files from nearly every state in the country telling us how well our plants have done in all sections. Many of these plants were shipped over 2000 miles and still did remarkably well.

PINCHING

To have sturdy and well-branched plants it is advisable to pinch the terminal shoots once or twice during the season. This operation is done with the thumb and forefinger and consists of removing about ½ inch of the soft growing tip of the main shoots. The first pinching should be done when the plants are about 6 inches tall, to induce lateral branches. When these lateral branches are 8 to 10 inches tall, their tips should be removed to induce more branches. Discontinue pinching by August 1, as the plants will soon be forming buds. The very early-blooming varieties should not be pinched after July 15. A well-pinched plant will not need staking or other support, since the growth will be strong and sturdy and will stand erect.

GROWING LATE-BLOOMING VARIETIES IN THE NORTH

In the far North it is almost impossible to grow and flower the late-blooming kinds in the garden, because heavy October frosts usually spoil them when in bud. These varieties can easily be enjoyed in the North by digging them up just before hard frosts and planting them in a box or large flower pot. If they are shaded a few days and watered freely, they can be brought into the house or enclosed porch and will be in full bloom for a month or more. Mums are about the only plants we are familiar with, that can be dug from the garden in full bud and bloom, and brought into the house without any noticeable check in growth.

If you find that the color combination of the garden should be changed at blooming time, or you would like a plant in another location, just dig it up carefully, leaving as much soil about the roots as possible, and transfer it to the desired location. It will keep right on growing if water is applied freely. Or, try growing some plants in the vegetable or service garden during the summer. In the fall they can be transplanted to spots left vacant by early annuals.

BLOOMING TIME

It has been definitely proved that Chrysanthemums are sensitive to light and that the length of day determines the blooming time for a given variety. Shading a late-blooming variety with black cloth for a few hours, both morning and evening, will hasten its normal blooming time by two or three weeks. Electric lights will retard its normal blooming period.

Since Minnesota is quite far north, where naturally the fall days are shorter than farther south, a given variety will normally bloom 20 days earlier here than in Texas. We are located approximately 200 miles north of Chicago, and we know that the same variety will begin blooming for us four or five days sooner than in Chicago. From this we deduct that perhaps two days for every 100 miles of latitude is about the average difference in blooming time. Interesting, isn't it?

Mums for Your Window-box

When the first light frosts of fall have made your window-boxes unsightly by killing the tender plants in them, you can enjoy the full glory of Mums. These dreary-looking window-boxes can be transformed into a fairyland of color for two or three weeks by simply transplanting Mums from your garden into them. Select low, compact plants in full bud and bloom, dig them carefully and plant directly in the box.

WINTER PROTECTION

The purpose of winter protection is probably more to keep the cold in the ground than to keep it out. Here in southern Minnesota where the temperature often goes as low as 25 degrees below zero, we seldom have many hardy Mum casualties from winter injury. We usually have snow covering our gardens from December to March. It is probably the alternate thawing and freezing that does the winter damage to garden Mums. We have found that any light material that will stay more or less dry during the winter, is ideal for covering. Excelsior, evergreen boughs, marsh hay, or corn stalks are very good if applied after the ground is frozen. Leaves are usually not very satisfactory, for they are a soggy mass by spring and tend to rot the crowns. Dry leaves, applied in the fall and covered with any waterproof material to keep them dry, are ideal. The U. S. Department of Agriculture has found that rock wool batts—the same material used in insulating houses—is perhaps the closest substitute for snow of anything found so far. The original cost would be greater, but since this is a mineral material, it would not rot and could be used year after year.

MUM "DON'T'S"

Don't be Mum-less.

Don't plant in the shade. The plants will grow too tall and bloom weeks later.

Don't plant Mums in the fall in the North.

Don't plant extra-early varieties in the South, for they will bloom too early when the weather is still hot.

Don't plant any but sure-to-bloom Mums for best results. Don't water from overhead.

Don't pinch early varieties after July 20, because buds are forming by that time.

Don't CUT the flowers for bouquets; break them off, and they will absorb a greater amount of water.

Don't kill them with kindness.

NEW ENGLISH VARIETIES

From our tests of the new English varieties we find we are a bit too far north to bloom all of them successfully. We have, however, had some good reports from central Indiana, Pennsylvania, New Jersey, Oklahoma, and the Pacific Northwest, where they have done very well.

The flowers are decidedly larger than those of our other hardy kinds, but there are fewer of them. The colors are good. The substance of the flowers is decidedly heavier than other outdoor kinds and they approach the greenhouse types for lasting qualities. The plants are very strong, rampant growers and some are inclined to be a bit ungainly.

The following did very well for us last season and were much admired by all who saw them: Challenger, Coppelia, Golden Dome, Indiana, Leda, Mrs. J. Phillips, Orange Queen, Tiger, and Vulcan.

We originally tested 50 varieties of these English Chrysanthemums. We selected the best 18 of these and discarded all the others as not being worth while. Our list comprises the "cream of the crop." Of all the new varieties that we tested, the following five were outstandingly good:

Bridesmaid. Delicate pink-cream.

China Gold. Quilled golden bronze.

Jean Harlow. Incurved golden yellow.

Spitfire. Orange-bronze.

Tolcross Pink. Charming rose-pink.

One each of the above 5 new kinds for **\$3.00**
(Value \$3.70)

Introducing the 1947 Models

of the

Grand Champions

(Chicago Strain developed by Dr. E. J. Kraus)

Temptingly Different and as New as Tomorrow

We are proud indeed to introduce to American gardens these new Hardy Chrysanthemums developed by Dr. E. J. Kraus. Over a period of a dozen years, thousands of Chrysanthemum seedlings have been grown and the best selections given a very rigid test for winter hardiness, color and form of flower, petal substance, early blooming qualities, disease resistance, and ornamental foliage. These tests have eliminated all weak and inferior kinds. From our own observation and experience, and from the hundreds of highly complimentary letters we have received from gardeners from coast to coast, we know that the Chicago Strain is good and will please you.

Already five of the 1945 and 1946 introductions—Autumnsong, Courageous, Charles Nye, Glowing Coals and Olive Longland—are challenging the position of some of the finest varieties in existence. Grow and learn to know the Chicago Strain of Mums.

Chiquita (Little Doll). (Kraus 1107.) Deep lemon-yellow, fully double, compact, dome-shaped pompon. Bush compact, 18 to 24 inches tall, with deep green foliage. Long individual flower stems. Flowers in clusters of 6 to 8. Excellent for cutting. Third week in September to end of October.

Murmurs. (Kraus 1137.) Amaranth-pink, semi-double, 2½-inch flowers, darkening to clear mallow-purple. Petals broad, gracefully incurved; flowers clustered near ends of long leafy branches, giving a light feathery effect. Foliage dark green; bush 18 to 24 inches tall. Very early and lasts well. Early September to early October.

Nanook (Polar Bear). (Kraus 1099.) Double white with cream center, 1½ inches across, broad overlapping petals. Bush 12 to 18 inches tall; dwarf, compact mound. Excellent foliage. Very free flowering. Mid-September to mid-October.

Pepita (Little Girl). (Kraus 1160.) Densely quilled pompon. Egg-shell-white with darker center when young, changing to pure white with slight yellow center. Bush 18 to 24 inches high, densely branched and wide spreading; long individual flower stems. Extremely free flowering. Third week in September to end of October.

Rosita (Little Rose). (Kraus 1095.) Pompon. Light Persian-rose, 1 to 1¼ inches in diameter, tight, full double, quilled or rolled. Open sprays of 5 to 10 flowers on long individual flower stems. Bush large, upright, spreading. Good foliage. Third week of September to mid-October.

Snowfall. (Kraus 1103.) White, slight cream at center, double, 1¾ inches. Petals slightly enroled when young, sharp pointed, opening flat. Bush 22 inches, low, much branched. September 28 to end of October.

Tangerine. (Kraus 1150.) Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy, deeply cut foliage. Very free blooming. Excellent for cutting. September 27 to mid-October.

Twilight. (Kraus 1140.) Fuchsia-purple, 3 inches across, full rounded with center petals curved inward. Backs of petals somewhat lighter, giving the flower a silvery sheen. Foliage heavy, large, much cut and dark green. Bush upright, much branched, 26 inches tall. Flowers clustered 3 to 5 at top of sturdy, upright stems. Very free flowering. October 5.

Valiant. (Kraus 1167.) Semi-double, bright rose-scarlet, 3 to 4 inches in diameter. Petals long, inner rows incurved over bright golden center. Bush 18 to 24 inches tall, open branching; large, dark green foliage. Very sturdy. Very free blooming. Late September to mid-October.

The MUM of the YEAR

Yellow Avalanche

Greatest discovery in a decade

Everyone loves the fleecy whiteness of Avalanche, the Queen of all Hardy Mums. Now we have something even better. The big Mum news of the year is Yellow Avalanche, in soft, blended golden yellow that will give a "lift" to all Mum plantings. Nothing we have ever grown has created the excitement that this new flower has. Just imagine 4-inch, fluffy, soft golden yellow Mums in bloom by early September in your own garden! You cannot afford to be without this excellent, long-stemmed, cutting variety. A "must-have" in every garden!

- Luxuriant color
- Early blooming
- Fast, vigorous and dependable grower
- Perfect cut flower
- Clean, strong, attractive foliage
- An All-American favorite.

HISTORY OF YELLOW AVALANCHE

Three years ago, while checking a planting of 5000 white Avalanche growing in our fields, our Chrysanthemum grower, Mr. Charles Nye, noticed that one plant in the block produced flowers that were a soft golden yellow instead of the usual cream-white. The plant was staked and carefully watched day after day, and lo and behold!—the yellow color became more pronounced and fixed as the buds opened. Credit for the discovery of a new flower belongs to this observing gentleman. A bud sport or mutation is one of the mysteries of nature. The Golden Delicious apple is a well-known example of such a phenomenon.

Each 75c 12 for \$7.00 3 for \$2.00

THE MARCH OF MUMS

In order to fulfill our slogan, "The Mums of Tomorrow—Today," and to keep our collection modern and up to the minute, we try out every new kind we hear about. Many of these new developments are good; a few are superior to existing kinds. Progress is being made toward more beautiful and useful Hardy Chrysanthemums, and in order to keep step with this development we have this year discarded the following, which have definitely been superseded by newer and better kinds:

Algonquin.....	Replaced by.....	Autumn Sunlight
Autumn Glory.....	Replaced by.....	September Cheer
Aurora.....	Replaced by.....	Apricot Glow
Champion Cushion.....	Replaced by.....	Early Harvest
Commander.....	Replaced by.....	Redwood
Debutante.....	Replaced by.....	Betty
Exeter.....	Replaced by.....	Burma
Geronimo.....	Replaced by.....	Harbinger
Golden Cushion.....	Replaced by.....	Bronze Gold
Golden Spoon.....	Replaced by.....	Yellow Spoon
Gudrun.....	Replaced by.....	Louise Schling
Irene.....	Replaced by.....	Pepita
Lima News.....	Replaced by.....	Vulcan
Morning Star.....	Replaced by.....	Harbor Lights
Mrs. Pettie.....	Replaced by.....	Challenger
Muskogee.....	Replaced by.....	Murmurs
Nancy Copeland.....	Replaced by.....	Valiant
Pink Spoon.....	Replaced by.....	Orchid Spoon
Robert Brydon.....	Replaced by.....	Courageous
Rose Spoon.....	Replaced by.....	Orchid Spoon
Salmon Glow.....	Replaced by.....	Coral Sea
Sigurd.....	Replaced by.....	Fireglow
Snowball.....	Replaced by.....	Glacier
Tasiva.....	Replaced by.....	Martin's White
Tints of Fall.....	Replaced by.....	Stalwart

SEEING IS BELIEVING

Over 25,000 flower-loving people visited our Mum fields and show-room last fall. We maintained a constant display of more than 300 varieties of the better Mums. The overwhelming majority of these folks fell in love with the following varieties as the best things they saw at our Gardens. 25,000 people can't be wrong!

20 Leaders

Autumnsong	Heatherbloom
Avalanche	Lavender Lassie
Betty	Martin's White
Candlelight	Olive Longland
Charles Nye	Pink Radiance
Chris Columbus	September Dawn
Courageous	Tangerine
Eggshell	Valiant
Fred F. Rockwell	Vulcan
Glowing Coals	Yellow Avalanche

Special

20 SURE-TO-BLOOM PLANTS (Value \$12.95) . . FOR \$10.00

FROST-RESISTANCE OF FLOWERS

In the past few years more attention has been paid to the damage done by frost to both buds and petals of different varieties. Some kinds—especially the white and lavender sorts—are damaged by the first light frosts, while others show no damage even when the temperature goes below freezing. Many varieties just keep right on blooming as though nothing had happened, while others are completely killed. We found the following varieties still in excellent condition in our fields on November 2 after four or five early freezes had spoiled most kinds:

Apricot Glow	Glowing Coals
Autumn Greetings	Heatherbloom
Autumnsong	Lavender Lassie
Autumn Sunlight	Maroon 'n' Gold
Betty	North Star
Bonfire	Olive Longland
Coral Sea	Peachblow
Courageous	Red Gold
Cydonia	September Bronze
Drifted Snow	Thalia
Eureka Giant	Tussore
Fred F. Rockwell	Zantha

BUDDLEIA (Butterfly Bush)

Easy-to-grow and very popular flowering shrubs, often called Summer Lilacs. They grow from 3 to 5 feet tall and are in constant bloom from June to October. We offer strong-growing plants in pots, guaranteed to bloom freely this season.

THE FINEST BUDDLEIAS

50c each; 3 for \$1.25. Any 6 for \$2.00, except where noted.

Charming. An exquisite pink.

Dubonnet. Compact spikes of Dubonnet-red.

Royal Purple. Very dark sparkling purple. By far the best dark-colored variety.

White Cloud. Pure white with tiny bright yellow eyes. Try it. 75c each; 3 for \$2.00; \$7.50 per doz.

We Specialize

We do not dabble with many kinds of plants; **we specialize.** We grow one big crop and grow it well. We do not think our better-grown, **sure-to-bloom** Hardy Mum plants can be equaled anywhere. We have excellent soil, a cool climate, the most modern greenhouses and propagating equipment, and experienced and intelligent help. Our propagating stocks are rigorously selected and state inspected. This assures you of high quality plants direct from America's largest producer of Hardy Mums.

Surprise Collection

If you do not care about the names of your Mums, but just want to grow them for a gorgeous display in the fall or for cutting bouquets for the house, then you can save money by ordering this special Surprise Collection. It includes every color and type shown in this catalog. All are first class quality, **sure-to-bloom** plants, but come to you unlabeled as to name. See for how little money you can have a big Mum garden.

**Prices: 5 for \$1.25; 10 for \$2.20;
25 for \$5.25; 100 for \$20.00**

Let Us Make Your Selection

If you prefer to have personal, professional help in selecting the varieties for your particular needs, let us make your selection. Send us the amount you wish to spend for **HARDY MUMS**, tell us what color and types you prefer—whether for cutting or garden display, whether early, late, or midseason varieties—and we will select the best in our large collection of over 200 varieties. You will be thrilled by the fine plants you receive. All will be labeled and **sure to bloom.**

Our Fall Mum Display

Everyone is cordially invited to our annual Fall Mum Show. Last season we had over 100,000 plants in our fields and well over 1,000,000 flowers. Here you can see growing side by side more than 500 varieties of Hardy Chrysanthemums. Many of these are seedlings—the Mums of Tomorrow—in the different stages of selection. Really, it is a beautiful sight to see. Our very first varieties begin to bloom about mid-August, and by early September a great many of the earlier kinds are in full bloom. Between September 15 and 25 is usually when the fields are at their best. During this time and up to Thanksgiving we maintain a display of most all varieties in our greenhouses. This alone is well worth seeing. If you can, come and enjoy the MUMS with us.

What Other People Say:

Battle Creek, Mich.

I wish to tell you of the armfuls of beautiful Mums I have had from the plants I purchased from you this spring. Be sure my name is on your list for 1947, as I want more this next year.—Mrs. J. H. T.

Paoli, Ind.

I feel I must tell you how pleased I am with the Mums I ordered from you in the spring. I have never received plants that were in better condition. They are beginning to bloom now and are beautiful. They are showing their high quality by their perfect blossoms. I will never order Mums from anyone else as long as I can get them from your company.—Mrs. L. W.

Milwaukee, Wis.

Just a few lines to tell you that my Mums surely are beautiful. We never spent so little money and enjoyed it so much. My friends all rave about my Mums.—Mrs. P. B.

Lawrence, Mass.

This spring I sent you \$10.00 for a collection of your Mums. Under "Let us make your selection." I have never been more pleased with anything I got for my garden than with the 30 plants you sent me. They made wonderful big plants and the variety you sent is beautiful.—E. W.

Marne, Mich.

The Mums purchased from you early this year have produced beautifully and are a credit to your organization.—E. H. P.

St. Maries, Idaho

I felt I must write and tell you how pleased I am with the Chrysanthemums I got from you this spring. They've been wonderful. Be sure to send me your catalog next spring, as I'll be needing some more.—Mrs. H. A. S.

Connersville, Ind.

The Chrysanthemum plants I sent for came in fine condition. There was not a leaf broken and they surely were strong plants. They are all growing fine.—Mrs. R. A.

Reardan, Wash.

Mum order arrived in perfect condition and plants look grand.—Mrs. G. Z.

Canandaigua, N. Y.

The Mums arrived in fine condition. I am well pleased with them.—Mrs. J. C. S.

Winnebago, Ill.

Just a line to tell you that the Mums arrived in excellent condition. It was a perfect job of packing and not one plant was wilted.—E. B.

Peekskill, N. Y.

The Chrysanthemums shipped on the above order arrived in perfect condition and are growing fine. It is nice to know that distance is no barrier in dealing with you and that you can be depended on to deliver the goods in excellent condition.—J. A. H.

Toledo, Ohio

Received Mums last week. They were packed beautifully, just like a Christmas box, and were in excellent condition. All are growing nicely.—O. K.

Alton, Ill.

The Mums purchased from you were received in the most perfect condition. I surely appreciate such nice, fresh, healthy plants.—A. G. L.

Red Bank, N. J.

I would like to take this opportunity to tell you my order reached me in fine condition. The plants were very nice and packed so well.—Mrs. B. T. T.

Roxbury, Mass.

I want to thank you for the Mum plants which arrived in fine condition. They were at least twice as large as I had expected them to be.—J. P. B.

Fredonia, N. Y.

My order of Mums arrived in perfect condition without a wilted leaf. You certainly have a system for packing.—C. M. C.

Cleveland, Ohio

My order of Mums from Minnesota arrived in perfect condition, and as in other years I found sturdy, well-rooted plants. Your packer is to be complimented for the care taken in wrapping plants for shipment.—C.H.A.

Chicago, Ill.

The carton of Mums arrived yesterday, and I wish to compliment you on the nice manner in which they were packed and the good condition in which I found them.—F. B. B.

Sumner, Wash.

Chrysanthemums ordered recently arrived today. Fine plants in excellent condition.—J. V. M.

Hillside, N. J.

When I opened the package from you and beheld the Mums, I was delighted to find such excellent plants. Thank you.—E. P.

FROM

The Lehman Gardens

Faribault,

Minnesota

20 Plants - - One of Each Listed Above for \$6.50 Postpaid.

March 1914

THE JOURNAL

Published Weekly by the Journal Company

Subscription Rates
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 One Year 8.00
 In Advance

HOW TO ORDER

We are now publishing a new series of books on the subject of the history of the United States. The books are written by the best authors and are of the highest quality. They are now on hand and can be ordered at once.

OUR LIST OF BOOKS

Our new book on the history of the United States is now on hand. It is a complete history of the country from the first settlement to the present day. It is written in a clear and concise style and is of the highest quality. It is now on hand and can be ordered at once.

A SHORT HISTORY

A short history of the United States is now on hand. It is a complete history of the country from the first settlement to the present day. It is written in a clear and concise style and is of the highest quality. It is now on hand and can be ordered at once.

AMERICAN HISTORY

American history is now on hand. It is a complete history of the country from the first settlement to the present day. It is written in a clear and concise style and is of the highest quality. It is now on hand and can be ordered at once.

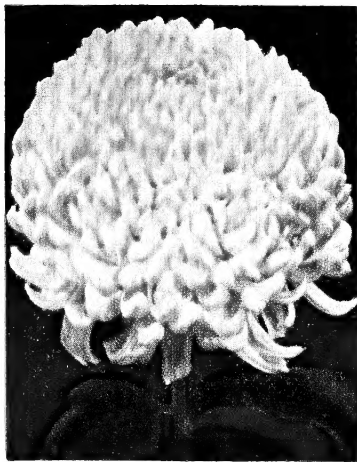
THE UNITED STATES

The United States is now on hand. It is a complete history of the country from the first settlement to the present day. It is written in a clear and concise style and is of the highest quality. It is now on hand and can be ordered at once.

30 cents with copy of
 better value

or shall we return

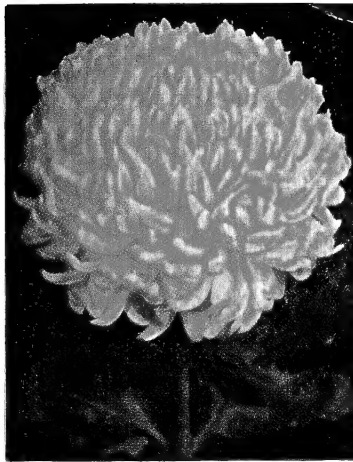
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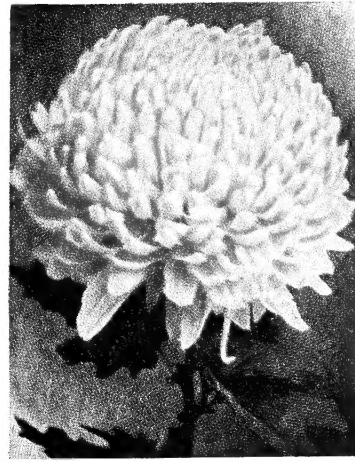
AMBASSADEUR. 50c each



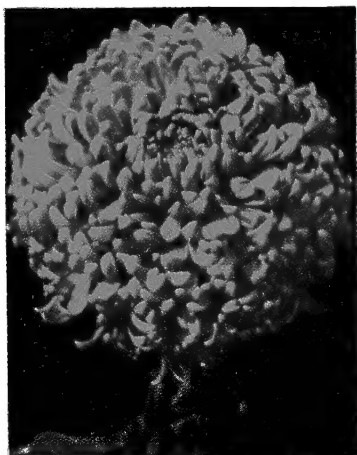
GARNET KING. 50c each



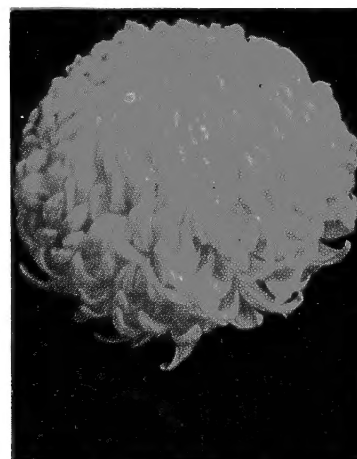
MRS. H. E. KIDDER. 50c each



MAJOR BOWES. 50c each



HILDA H. BERGEN. 50c each



INDIANAPOLIS YELLOW
50c each



NORMA. 50c each

Grow THE BIG GREENHOUSE MUMS IN YOUR GARDEN

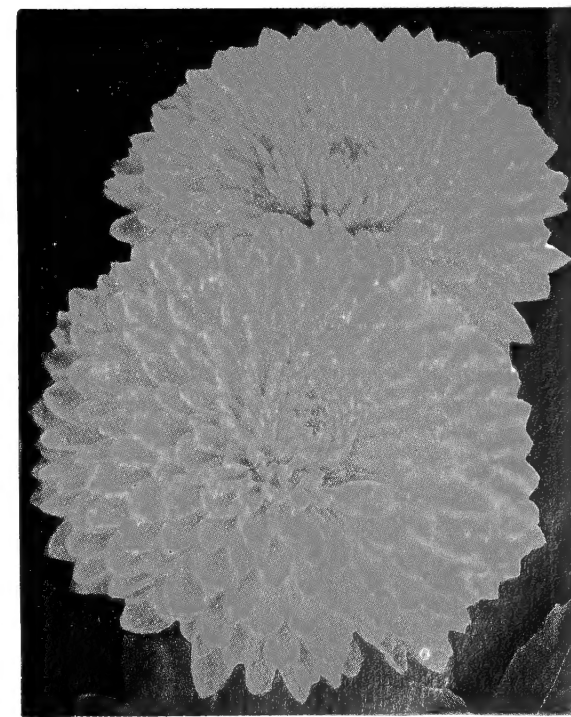
Each year we have had more and more requests for a listing of the large greenhouse type Mums. *These are not hardy in Minnesota* but can be successfully wintered in New Jersey, southern Pennsylvania, south of the Mason and Dixon line, and on the Pacific Coast. In the North they can be grown outside in the garden until frost time in the fall and then potted up and brought inside. To produce those big flowers they must be disbudded, leaving from one to three flowers per plant and grown tied to a stake. Well-grown specimens are a magnificent sight at blooming time.

LARGE COMMERCIAL

- Ambassadeur.** Big, cream-white, incurved. Oct. 23. Each 50c.
Celestra. Large, very early, golden yellow. Oct. 14. Each 40c.
Detroit News. Reddish bronze. 6 to 7-inch flowers. Nov. 1. Each 50c.
Garnet King. Reflexed dark red. Excellent color. Nov. 18. Each 50c.
Gold Lode. Earliest golden yellow. Oct. 1. Each 40c.
Hilda Bergen. Large, reddish bronze. Oct. 25. Each 50c.
Indianapolis Bronze. Firm, buff-bronze. Large incurved flowers. Easy and dependable grower. Nov. 8. Each 50c.
Indianapolis Pink. Silvery pink form of above. Nov. 8. Each 50c.
Indianapolis Yellow. Splendid yellow form. Nov. 8. Each 50c.
Indianapolis White. White companion to above. Nov. 8. Each 50c.
Indianola. Very early, 4 to 5-inch flowers of rusty bronze. Oct. 12. Each 50c.
Major Bowes. Large, incurved, deep lavender. Excellent sturdy grower. Oct. 20. Each 50c.
Mrs. H. E. Kidder. Incurved, 7-inch flowers of bright yellow. Oct. 15. Each 50c.
Norma. Anemone-flowered, deep lavender with gold crested center. Oct. 28. Each 50c.
Silver Sheen. Large, silvery white. Oct. 18. Each 50c.



PINK DOT. 50c each.
SILVER BALL. 50c each



YELLOW DOT. 50c each

COMMERCIAL SPECIAL

10 Sure-to-Bloom Plants (one of each pictured)

For **\$3.50**

COMMERCIAL POMPONS

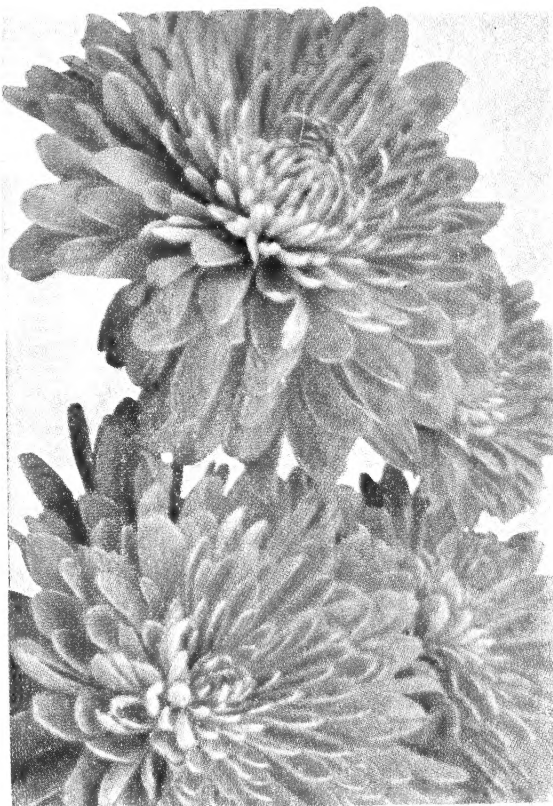
- Pink Dot.** Finest pink Pompon. Oct. 25. Each 50c.
Silver Ball. Large pure, white Pompon. Oct. 15. Each 50c.
Yellow Dot. Excellent yellow Pompon. Oct. 25. Each 50c.

Special 3 Pompons

One each of
above for **\$1.00**



HARBINGER
40c each; 3 for \$1.00



SEPTEMBER DAWN. 50c each; 3 for \$1.25



CALCITE. 50c each; 3 for \$1.25

COLLECTION

6 SURE-TO-BLOOM **\$2.50**
PLANTS (1 of each) for

18 PLANTS **\$7.00**
(3 of each) for . .

6 *Early-Cutting* MUMS

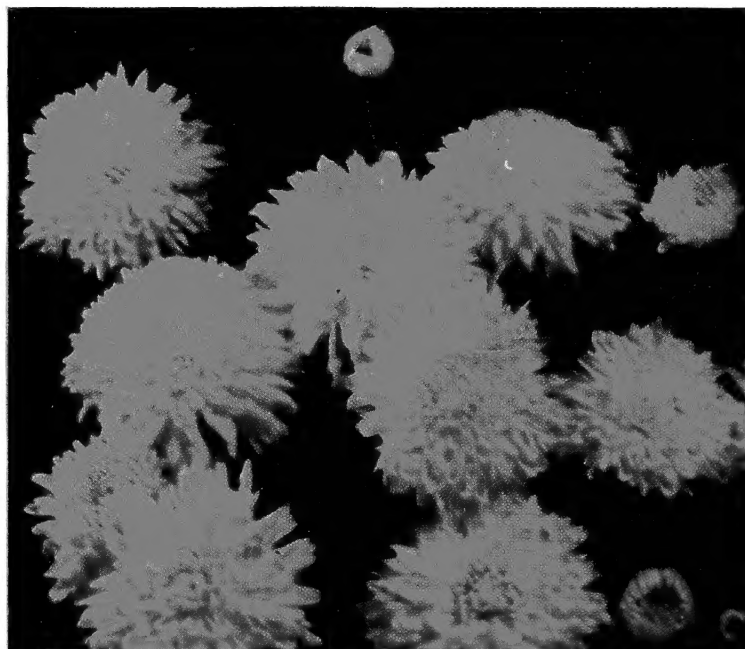
A special selection of early varieties well adapted to cutting for bouquets. All will bloom by September 15.



CHIPPEWA. 50c each; 3 for \$1.25



FLASHLIGHT. 40c each; 3 for \$1.00



ZANTHA. 50c each; 3 for \$1.25